

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009304.D
 Acq On : 23 Jun 2022 19:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 09:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	141369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80511	51.855	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.720%			
35) Dibromofluoromethane	7.716	113	78532	52.344	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.680%			
50) Toluene-d8	10.179	98	296299	51.411	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.477	95	108869	53.757	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41507	40.072	ug/l	99
3) Chloromethane	2.107	50	54940	43.219	ug/l	98
4) Vinyl Chloride	2.247	62	66161	46.858	ug/l	97
5) Bromomethane	2.637	94	37122	37.703	ug/l	99
6) Chloroethane	2.790	64	34744	36.959	ug/l	98
7) Trichlorofluoromethane	3.119	101	93027	41.507	ug/l	92
8) Diethyl Ether	3.521	74	28432	34.546	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.887	101	64943	45.570	ug/l	96
10) Methyl Iodide	4.082	142	79553	45.710	ug/l	91
11) Tert butyl alcohol	4.948	59	46944	232.445	ug/l	99
12) 1,1-Dichloroethene	3.863	96	59276	43.768	ug/l	80
13) Acrolein	3.723	56	17606	225.654	ug/l	100
14) Allyl chloride	4.472	41	119566	49.147	ug/l	94
15) Acrylonitrile	5.161	53	120290	262.084	ug/l	98
16) Acetone	3.936	43	88298	230.175	ug/l	95
17) Carbon Disulfide	4.186	76	149420	39.715	ug/l	97
18) Methyl Acetate	4.472	43	56377	52.979	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	211197	51.880	ug/l	98
20) Methylene Chloride	4.710	84	80348	41.076	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	75361	46.953	ug/l	87
22) Diisopropyl ether	6.112	45	288023	56.321	ug/l	95
23) Vinyl Acetate	6.051	43	924658	294.489	ug/l	97
24) 1,1-Dichloroethane	6.009	63	150180	51.878	ug/l	99
25) 2-Butanone	6.978	43	163715	264.270	ug/l	93
26) 2,2-Dichloropropane	6.972	77	126838	46.606	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	95642	50.827	ug/l	91
28) Bromochloromethane	7.326	49	71030	56.867	ug/l	92
29) Tetrahydrofuran	7.344	42	110425	281.469	ug/l	93
30) Chloroform	7.502	83	153474	51.504	ug/l	100
31) Cyclohexane	7.777	56	121591	45.115	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	131459	50.533	ug/l	98
36) 1,1-Dichloropropene	7.917	75	111071	48.646	ug/l	98
37) Ethyl Acetate	7.063	43	72839	52.757	ug/l	95
38) Carbon Tetrachloride	7.899	117	118551	49.935	ug/l	99
39) Methylcyclohexane	9.179	83	132417	47.266	ug/l	92
40) Benzene	8.155	78	338686	50.141	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009304.D
 Acq On : 23 Jun 2022 19:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 09:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	43954m	57.419	ug/l	
42) 1,2-Dichloroethane	8.234	62	100443	51.823	ug/l	92
43) Isopropyl Acetate	8.271	43	137950	54.524	ug/l	94
44) Trichloroethene	8.935	130	92532	48.645	ug/l	96
45) 1,2-Dichloropropane	9.209	63	90277	51.878	ug/l	99
46) Dibromomethane	9.301	93	50321	50.853	ug/l	98
47) Bromodichloromethane	9.496	83	121220	51.587	ug/l	98
48) Methyl methacrylate	9.289	41	59821	53.943	ug/l #	89
49) 1,4-Dioxane	9.295	88	14933	1050.152	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	365814	277.975	ug/l	92
52) Toluene	10.240	92	220153	51.561	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	128967	52.784	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	143579	51.629	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	75871	54.625	ug/l	98
56) Ethyl methacrylate	10.508	69	103320	56.233	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	126121	53.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	203601	258.301	ug/l	97
59) 2-Hexanone	10.831	43	250499	281.267	ug/l	90
60) Dibromochloromethane	10.983	129	90473	53.409	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71426	52.742	ug/l	99
64) Tetrachloroethene	10.715	164	102154	49.497	ug/l	100
65) Chlorobenzene	11.514	112	243656	50.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	91775	52.088	ug/l	97
67) Ethyl Benzene	11.587	91	425606	50.961	ug/l	99
68) m/p-Xylenes	11.697	106	325736	99.397	ug/l	94
69) o-Xylene	12.026	106	157256	50.460	ug/l	93
70) Styrene	12.044	104	269928	52.228	ug/l	95
71) Bromoform	12.203	173	56965	52.307	ug/l #	99
73) Isopropylbenzene	12.325	105	420044	49.004	ug/l	100
74) N-amyl acetate	12.142	43	113367	49.514	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	83725	51.338	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	62807m	49.032	ug/l	
77) Bromobenzene	12.605	156	100698	48.365	ug/l	94
78) n-propylbenzene	12.666	91	502880	48.692	ug/l	97
79) 2-Chlorotoluene	12.758	91	286911	49.320	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	346411	48.681	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29396	48.659	ug/l	86
82) 4-Chlorotoluene	12.855	91	289547	47.720	ug/l	96
83) tert-Butylbenzene	13.075	119	307993	49.629	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	341699	49.001	ug/l	97
85) sec-Butylbenzene	13.251	105	456614	49.152	ug/l	99
86) p-Isopropyltoluene	13.367	119	376727	48.792	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	194486	48.326	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	194825	48.248	ug/l	100
89) n-Butylbenzene	13.696	91	354632	49.319	ug/l	98
90) Hexachloroethane	13.959	117	73164	49.954	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	180516	49.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14382	49.510	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	111284	50.306	ug/l	99
94) Hexachlorobutadiene	15.111	225	62145	52.214	ug/l	98
95) Naphthalene	15.233	128	239665	54.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	97692	51.669	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
Data File : VY009304.D
Acq On : 23 Jun 2022 19:04
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/28/2022
Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 09:24:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009304.D
 Acq On : 23 Jun 2022 19:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 24 09:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

