

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009283.D
 Acq On : 23 Jun 2022 09:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 24 09:20:52 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	192381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126959	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.137	65	98163	46.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.920%
35) Dibromofluoromethane	7.716	113	102481	51.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.179	98	362938	47.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.483	95	127860	47.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	56510	40.090	ug/l	98
3) Chloromethane	2.113	50	74245	42.919	ug/l	98
4) Vinyl Chloride	2.247	62	85111	44.295	ug/l	97
5) Bromomethane	2.644	94	57038	42.570	ug/l	97
6) Chloroethane	2.790	64	55800	43.618	ug/l	99
7) Trichlorofluoromethane	3.125	101	141209	46.298	ug/l	91
8) Diethyl Ether	3.528	74	54109	48.311	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	91806	47.338	ug/l	94
10) Methyl Iodide	4.088	142	112829	47.639	ug/l	89
11) Tert butyl alcohol	4.948	59	62607	226.913	ug/l	99
12) 1,1-Dichloroethene	3.869	96	87452	47.450	ug/l	87
13) Acrolein	3.723	56	22465	213.461	ug/l	93
14) Allyl chloride	4.473	41	164926	49.817	ug/l	92
15) Acrylonitrile	5.155	53	152200	243.679	ug/l	97
16) Acetone	3.942	43	149316	286.026	ug/l	93
17) Carbon Disulfide	4.186	76	215578	42.105	ug/l	98
18) Methyl Acetate	4.473	43	68787	47.040	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	281201	50.760	ug/l	99
20) Methylene Chloride	4.710	84	107188	40.105	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	103308	47.298	ug/l	86
22) Diisopropyl ether	6.113	45	360969	51.868	ug/l	94
23) Vinyl Acetate	6.052	43	1141454	267.139	ug/l	95
24) 1,1-Dichloroethane	6.009	63	201832	51.233	ug/l	98
25) 2-Butanone	6.978	43	211251	250.582	ug/l	92
26) 2,2-Dichloropropane	6.978	77	185918	50.200	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	129278	50.485	ug/l	89
28) Bromochloromethane	7.332	49	87531	51.496	ug/l #	86
29) Tetrahydrofuran	7.344	42	128311	240.336	ug/l	91
30) Chloroform	7.503	83	207353	51.134	ug/l	99
31) Cyclohexane	7.783	56	164603	44.879	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	180699	51.042	ug/l	96
36) 1,1-Dichloropropene	7.917	75	149775	49.024	ug/l	97
37) Ethyl Acetate	7.070	43	89433	48.409	ug/l	97
38) Carbon Tetrachloride	7.899	117	158598	49.925	ug/l	99
39) Methylcyclohexane	9.179	83	181434	48.400	ug/l	93
40) Benzene	8.155	78	447507	49.512	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009283.D
 Acq On : 23 Jun 2022 09:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 24 09:20:52 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	51895	50.664	ug/l #	50
42) 1,2-Dichloroethane	8.234	62	128098	49.393	ug/l	91
43) Isopropyl Acetate	8.271	43	163107	48.179	ug/l #	92
44) Trichloroethene	8.935	130	127639	50.148	ug/l	99
45) 1,2-Dichloropropane	9.216	63	116454	50.013	ug/l	96
46) Dibromomethane	9.301	93	64350	48.600	ug/l	97
47) Bromodichloromethane	9.496	83	159750	50.807	ug/l	99
48) Methyl methacrylate	9.289	41	72861	49.101	ug/l #	89
49) 1,4-Dioxane	9.295	88	17588	924.361	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	419023	237.960	ug/l	92
52) Toluene	10.240	92	277146	48.509	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	161350	49.353	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	187126	50.287	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	91866	49.430	ug/l	97
56) Ethyl methacrylate	10.508	69	120478	49.004	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	156607	49.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	253500	240.350	ug/l	96
59) 2-Hexanone	10.831	43	290682	243.922	ug/l	89
60) Dibromochloromethane	10.984	129	111507	49.194	ug/l	100
61) 1,2-Dibromoethane	11.087	107	86824	47.913	ug/l	100
64) Tetrachloroethene	10.721	164	130054	50.498	ug/l	98
65) Chlorobenzene	11.514	112	301610	50.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	114278	51.976	ug/l	98
67) Ethyl Benzene	11.593	91	528934	50.753	ug/l	97
68) m/p-Xylenes	11.703	106	409090	100.036	ug/l	93
69) o-Xylene	12.026	106	195760	50.338	ug/l	93
70) Styrene	12.044	104	328701	50.967	ug/l	96
71) Bromoform	12.209	173	68757	50.593	ug/l #	99
73) Isopropylbenzene	12.331	105	521105	52.318	ug/l	100
74) N-amyl acetate	12.142	43	131647	49.481	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	95164	50.216	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	78208m	52.543	ug/l	
77) Bromobenzene	12.611	156	123323	50.973	ug/l	94
78) n-propylbenzene	12.672	91	617379	51.444	ug/l	97
79) 2-Chlorotoluene	12.758	91	348282	51.522	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	428028	51.764	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	35993	51.272	ug/l	87
82) 4-Chlorotoluene	12.855	91	364730	51.730	ug/l	97
83) tert-Butylbenzene	13.075	119	377678	52.373	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	425432	52.503	ug/l	97
85) sec-Butylbenzene	13.252	105	559143	51.797	ug/l	98
86) p-Isopropyltoluene	13.367	119	469191	52.295	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	238969	51.100	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	240071	51.164	ug/l	98
89) n-Butylbenzene	13.697	91	435115	52.076	ug/l	97
90) Hexachloroethane	13.965	117	88111	51.772	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	215291	51.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16668	49.380	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	135429	52.685	ug/l	99
94) Hexachlorobutadiene	15.117	225	74259	53.693	ug/l	97
95) Naphthalene	15.239	128	278295	53.968	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	114830	52.266	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
Data File : VY009283.D
Acq On : 23 Jun 2022 09:28
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 09:20:52 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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

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

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

