

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009316.D
 Acq On : 25 Jun 2022 10:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 10:22:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	208229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73814	46.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.540%		
35) Dibromofluoromethane	7.710	113	84386	46.494	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.980%		
50) Toluene-d8	10.179	98	253738	47.511	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.020%		
62) 4-Bromofluorobenzene	12.477	95	118139	45.703	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	80731	46.970	ug/l	98
3) Chloromethane	2.107	50	95962	47.518	ug/l	96
4) Vinyl Chloride	2.247	62	101488	46.719	ug/l	99
5) Bromomethane	2.637	94	58986	42.126	ug/l	99
6) Chloroethane	2.784	64	50687	46.090	ug/l	98
7) Trichlorofluoromethane	3.119	101	129124	46.715	ug/l	99
8) Diethyl Ether	3.521	74	56824	52.940	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	98314	49.754	ug/l	99
10) Methyl Iodide	4.076	142	126162	48.084	ug/l	98
11) Tert butyl alcohol	4.942	59	64700	229.308	ug/l	99
12) 1,1-Dichloroethene	3.863	96	94073	48.435	ug/l	91
13) Acrolein	3.723	56	44213	229.359	ug/l	98
14) Allyl chloride	4.466	41	167347	49.083	ug/l	98
15) Acrylonitrile	5.149	53	153172	259.089	ug/l	99
16) Acetone	3.936	43	159884	300.335	ug/l	95
17) Carbon Disulfide	4.186	76	300553	47.530	ug/l	99
18) Methyl Acetate	4.466	43	72238	48.739	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	282786	51.827	ug/l	97
20) Methylene Chloride	4.710	84	111697	48.694	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	116116	50.673	ug/l	99
22) Diisopropyl ether	6.112	45	345719	51.185	ug/l	99
23) Vinyl Acetate	6.051	43	1146020	263.656	ug/l	100
24) 1,1-Dichloroethane	6.003	63	199473	51.197	ug/l	97
25) 2-Butanone	6.978	43	218606	273.069	ug/l	98
26) 2,2-Dichloropropane	6.972	77	179224	49.596	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	128731	51.256	ug/l	98
28) Bromochloromethane	7.326	49	88284	52.970	ug/l	99
29) Tetrahydrofuran	7.338	42	136316	265.317	ug/l	99
30) Chloroform	7.496	83	200213	50.936	ug/l	99
31) Cyclohexane	7.777	56	181404	48.177	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	179236	51.639	ug/l	99
36) 1,1-Dichloropropene	7.911	75	158484	52.030	ug/l	99
37) Ethyl Acetate	7.063	43	90192	52.135	ug/l	97
38) Carbon Tetrachloride	7.893	117	161995	51.721	ug/l	98
39) Methylcyclohexane	9.179	83	197747	52.102	ug/l	98
40) Benzene	8.155	78	458846	51.188	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009316.D
 Acq On : 25 Jun 2022 10:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/30/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 10:22:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	40519m	43.503	ug/l	
42) 1,2-Dichloroethane	8.228	62	128717	51.005	ug/l	100
43) Isopropyl Acetate	8.271	43	167549	52.423	ug/l	99
44) Trichloroethene	8.935	130	127740	50.961	ug/l	99
45) 1,2-Dichloropropane	9.209	63	113253	51.475	ug/l	96
46) Dibromomethane	9.301	93	65348	51.225	ug/l	98
47) Bromodichloromethane	9.490	83	154630	52.125	ug/l	100
48) Methyl methacrylate	9.289	41	74494	52.446	ug/l	97
49) 1,4-Dioxane	9.295	88	18597	1072.179	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	422188	261.457	ug/l	99
52) Toluene	10.240	92	284418	51.214	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	165949	52.854	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	187964	52.544	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	92009	52.388	ug/l	96
56) Ethyl methacrylate	10.508	69	127560	54.947	ug/l	99
57) 1,3-Dichloropropane	10.788	76	157042	52.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	331338	275.985	ug/l	99
59) 2-Hexanone	10.831	43	304450	271.064	ug/l	99
60) Dibromochloromethane	10.983	129	111510	52.410	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89423	51.948	ug/l	96
64) Tetrachloroethene	10.715	164	135829	52.542	ug/l	96
65) Chlorobenzene	11.514	112	303587	51.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	111022	52.541	ug/l	99
67) Ethyl Benzene	11.587	91	532799	51.171	ug/l	99
68) m/p-Xylenes	11.703	106	414452	101.316	ug/l	98
69) o-Xylene	12.026	106	201942	52.607	ug/l	99
70) Styrene	12.044	104	331075	51.955	ug/l	99
71) Bromoform	12.203	173	68941	52.857	ug/l #	99
73) Isopropylbenzene	12.325	105	517665	53.053	ug/l	100
74) N-amyl acetate	12.142	43	139337	53.163	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	96232	52.325	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	70132m	51.067	ug/l	
77) Bromobenzene	12.605	156	124922	52.305	ug/l	99
78) n-propylbenzene	12.666	91	623531	51.818	ug/l	99
79) 2-Chlorotoluene	12.751	91	351922	52.640	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	432653	52.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	36901	53.190	ug/l	98
82) 4-Chlorotoluene	12.855	91	363018	52.111	ug/l	100
83) tert-Butylbenzene	13.075	119	375906	52.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	427261	52.726	ug/l	98
85) sec-Butylbenzene	13.251	105	554749	52.036	ug/l	100
86) p-Isopropyltoluene	13.367	119	465559	52.788	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	239993	52.160	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241009	51.915	ug/l	100
89) n-Butylbenzene	13.696	91	433847	52.450	ug/l	100
90) Hexachloroethane	13.959	117	88856	53.238	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	216425	52.408	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16589	52.203	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	140445	56.528	ug/l	99
94) Hexachlorobutadiene	15.111	225	75843	55.262	ug/l	97
95) Naphthalene	15.233	128	294025	59.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	121764	56.572	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
Data File : VY009316.D
Acq On : 25 Jun 2022 10:25
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 10:22:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 25 07:08:46 2022
Response via : Initial Calibration

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

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

