

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009264.D
 Acq On : 22 Jun 2022 10:18
 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 : Mahesh Dadoda 06/23/2022
 Supervised By : Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:51:51 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	7.789	168	160750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82072	46.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.980%		
35) Dibromofluoromethane	7.716	113	84008	49.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.920%		
50) Toluene-d8	10.179	98	308520	47.281	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.483	95	109111	47.586	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	50764	43.100	ug/l	99
3) Chloromethane	2.113	50	64489	44.615	ug/l	96
4) Vinyl Chloride	2.247	62	71897	44.781	ug/l	99
5) Bromomethane	2.644	94	50032	44.689	ug/l	97
6) Chloroethane	2.790	64	48036	44.938	ug/l	100
7) Trichlorofluoromethane	3.119	101	113460	44.520	ug/l	97
8) Diethyl Ether	3.528	74	44451	47.498	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	76008	46.904	ug/l	96
10) Methyl Iodide	4.082	142	93273	47.131	ug/l	89
11) Tert butyl alcohol	4.948	59	48230	205.734	ug/l	98
12) 1,1-Dichloroethene	3.863	96	71424	46.380	ug/l	87
13) Acrolein	3.723	56	20869	233.950	ug/l	98
14) Allyl chloride	4.473	41	137026	49.534	ug/l	92
15) Acrylonitrile	5.155	53	130889	250.794	ug/l	97
16) Acetone	3.942	43	112126	257.049	ug/l #	85
17) Carbon Disulfide	4.186	76	187228	43.764	ug/l	98
18) Methyl Acetate	4.466	43	59592	48.935	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	234623	50.686	ug/l	99
20) Methylene Chloride	4.710	84	90149	40.421	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	87509	47.948	ug/l	90
22) Diisopropyl ether	6.112	45	303739	52.233	ug/l	91
23) Vinyl Acetate	6.052	43	967466	270.973	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	165883	50.393	ug/l	99
25) 2-Butanone	6.978	43	174133	247.198	ug/l	91
26) 2,2-Dichloropropane	6.972	77	147676	47.720	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	107999	50.475	ug/l	89
28) Bromochloromethane	7.332	49	75624	53.245	ug/l #	89
29) Tetrahydrofuran	7.344	42	110222	247.078	ug/l	91
30) Chloroform	7.502	83	169914	50.146	ug/l	99
31) Cyclohexane	7.783	56	141625	46.213	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	146683	49.587	ug/l	96
36) 1,1-Dichloropropene	7.911	75	125786	48.658	ug/l	98
37) Ethyl Acetate	7.070	43	75194	48.103	ug/l	97
38) Carbon Tetrachloride	7.893	117	130031	48.375	ug/l	95
39) Methylcyclohexane	9.179	83	151881	47.883	ug/l	92
40) Benzene	8.155	78	373750	48.870	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009264.D
 Acq On : 22 Jun 2022 10:18
 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 :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:51:51 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	7.301	41	45141m	52.083	ug/l	
42) 1,2-Dichloroethane	8.234	62	108446	49.418	ug/l	92
43) Isopropyl Acetate	8.271	43	138159	48.230	ug/l #	91
44) Trichloroethene	8.935	130	105529	48.999	ug/l	99
45) 1,2-Dichloropropane	9.216	63	97834	49.656	ug/l	97
46) Dibromomethane	9.301	93	55351	49.404	ug/l	97
47) Bromodichloromethane	9.496	83	131914	49.582	ug/l	99
48) Methyl methacrylate	9.289	41	62324	49.637	ug/l #	86
49) 1,4-Dioxane	9.295	88	14978	930.319	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	363905	244.235	ug/l	91
52) Toluene	10.240	92	237419	49.111	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	139681	50.493	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	157981	50.174	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	79839	50.770	ug/l	98
56) Ethyl methacrylate	10.508	69	106701	51.292	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	135483	50.348	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	221518	248.215	ug/l	96
59) 2-Hexanone	10.831	43	254553	252.444	ug/l	91
60) Dibromochloromethane	10.984	129	94951	49.507	ug/l	99
61) 1,2-Dibromoethane	11.087	107	74754	48.753	ug/l	99
64) Tetrachloroethene	10.715	164	109852	48.792	ug/l	96
65) Chlorobenzene	11.514	112	256230	48.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	97238	50.590	ug/l	98
67) Ethyl Benzene	11.593	91	451825	49.592	ug/l	97
68) m/p-Xylenes	11.703	106	349875	97.867	ug/l	93
69) o-Xylene	12.026	106	169258	49.786	ug/l	92
70) Styrene	12.044	104	284052	50.382	ug/l	96
71) Bromoform	12.209	173	60608	51.015	ug/l #	97
73) Isopropylbenzene	12.331	105	445878	49.820	ug/l	99
74) N-amyl acetate	12.142	43	114882	48.055	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	85215	50.043	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66067m	49.397	ug/l	
77) Bromobenzene	12.605	156	105126	48.358	ug/l	95
78) n-propylbenzene	12.672	91	535605	49.669	ug/l	98
79) 2-Chlorotoluene	12.758	91	300295	49.439	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	369139	49.683	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	31649	50.174	ug/l #	86
82) 4-Chlorotoluene	12.855	91	311751	49.208	ug/l	97
83) tert-Butylbenzene	13.075	119	328000	50.620	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	366003	50.268	ug/l	97
85) sec-Butylbenzene	13.251	105	481985	49.690	ug/l	98
86) p-Isopropyltoluene	13.367	119	402453	49.921	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	204937	48.770	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	206959	49.087	ug/l	98
89) n-Butylbenzene	13.696	91	375708	50.042	ug/l	98
90) Hexachloroethane	13.959	117	77438	50.638	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	185580	49.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14702	48.473	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	116853	50.591	ug/l	99
94) Hexachlorobutadiene	15.111	225	64762	52.114	ug/l	99
95) Naphthalene	15.239	128	244505	52.768	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	102221	51.780	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009264.D
Acq On : 22 Jun 2022 10:18
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 :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:51:51 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

