

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010524.D
 Acq On : 16 Sep 2022 10:09
 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 :Krupa Patel 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 00:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	221290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108220	48.556	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.120%		
35) Dibromofluoromethane	7.716	113	109709	45.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.460%		
50) Toluene-d8	10.179	98	405705	51.606	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.220%		
62) 4-Bromofluorobenzene	12.483	95	145867	46.362	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77549	52.049	ug/l	98
3) Chloromethane	2.113	50	111597	44.887	ug/l	96
4) Vinyl Chloride	2.247	62	142282	46.388	ug/l	99
5) Bromomethane	2.650	94	98068	45.637	ug/l	96
6) Chloroethane	2.790	64	99856	48.672	ug/l	97
7) Trichlorofluoromethane	3.125	101	194547	50.073	ug/l	92
8) Diethyl Ether	3.528	74	60930	48.421	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	119826	52.675	ug/l	94
10) Methyl Iodide	4.088	142	138447	49.183	ug/l	91
11) Tert butyl alcohol	4.942	59	51405	210.760	ug/l	96
12) 1,1-Dichloroethene	3.869	96	105713	49.536	ug/l	87
13) Acrolein	3.729	56	46770	219.966	ug/l	97
14) Allyl chloride	4.479	41	153736	50.026	ug/l #	93
15) Acrylonitrile	5.155	53	147376	241.943	ug/l	98
16) Acetone	3.942	43	132075	258.223	ug/l	89
17) Carbon Disulfide	4.192	76	255541	44.280	ug/l	99
18) Methyl Acetate	4.473	43	69140	43.940	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	292200	49.581	ug/l	97
20) Methylene Chloride	4.710	84	139433	57.298	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	119027	49.122	ug/l	89
22) Diisopropyl ether	6.112	45	351553	51.242	ug/l #	94
23) Vinyl Acetate	6.058	43	1050215	249.791	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	217326	52.324	ug/l	97
25) 2-Butanone	6.978	43	195682	240.736	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	210392	53.084	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	139778	49.626	ug/l	90
28) Bromochloromethane	7.332	49	67838	50.942	ug/l #	80
29) Tetrahydrofuran	7.344	42	117454	231.522	ug/l #	82
30) Chloroform	7.502	83	232763	52.832	ug/l	99
31) Cyclohexane	7.783	56	178962	47.531	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	211831	53.099	ug/l	96
36) 1,1-Dichloropropene	7.917	75	169385	51.007	ug/l	97
37) Ethyl Acetate	7.070	43	83174	47.645	ug/l #	93
38) Carbon Tetrachloride	7.899	117	192856	52.201	ug/l	99
39) Methylcyclohexane	9.179	83	206436	49.856	ug/l	90
40) Benzene	8.155	78	491185	51.382	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010524.D
 Acq On : 16 Sep 2022 10:09
 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 :Krupa Patel 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 00:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47572m	47.668	ug/l	
42) 1,2-Dichloroethane	8.234	62	140506	49.426	ug/l	93
43) Isopropyl Acetate	8.271	43	152859	47.847	ug/l #	88
44) Trichloroethene	8.935	130	139189	49.464	ug/l	97
45) 1,2-Dichloropropane	9.216	63	121628	52.169	ug/l	96
46) Dibromomethane	9.301	93	68996	49.074	ug/l	98
47) Bromodichloromethane	9.496	83	176085	52.728	ug/l	99
48) Methyl methacrylate	9.289	41	69180	48.214	ug/l #	83
49) 1,4-Dioxane	9.295	88	17893	961.398	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	431454	246.211	ug/l	89
52) Toluene	10.246	92	320269	51.197	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	173663	50.531	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	198878	51.306	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	99855	49.928	ug/l	98
56) Ethyl methacrylate	10.508	69	129985	49.489	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	167267	50.299	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	173739	240.167	ug/l	93
59) 2-Hexanone	10.831	43	295456	247.343	ug/l	85
60) Dibromochloromethane	10.984	129	124999	51.145	ug/l	100
61) 1,2-Dibromoethane	11.087	107	93959	48.396	ug/l	99
64) Tetrachloroethene	10.721	164	134526	49.062	ug/l	97
65) Chlorobenzene	11.514	112	344795	50.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	134088	53.216	ug/l	98
67) Ethyl Benzene	11.593	91	627017	52.075	ug/l	96
68) m/p-Xylenes	11.703	106	489201	103.490	ug/l	93
69) o-Xylene	12.032	106	234610	51.978	ug/l	92
70) Styrene	12.044	104	393108	51.458	ug/l	96
71) Bromoform	12.209	173	77825	49.402	ug/l #	99
73) Isopropylbenzene	12.331	105	633979	52.588	ug/l	100
74) N-amyl acetate	12.142	43	138543	49.254	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	113349	50.262	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	89356m	52.400	ug/l	
77) Bromobenzene	12.611	156	142095	49.742	ug/l	94
78) n-propylbenzene	12.672	91	750342	52.561	ug/l	98
79) 2-Chlorotoluene	12.758	91	415421	51.804	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	530293	52.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	38569	50.219	ug/l	91
82) 4-Chlorotoluene	12.855	91	430549	51.610	ug/l	98
83) tert-Butylbenzene	13.075	119	467258	52.556	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	521137	52.361	ug/l	98
85) sec-Butylbenzene	13.258	105	692951	52.637	ug/l	99
86) p-Isopropyltoluene	13.373	119	583176	52.371	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	284848	49.657	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	280534	49.388	ug/l	99
89) n-Butylbenzene	13.696	91	526894	52.127	ug/l	98
90) Hexachloroethane	13.965	117	107139	51.244	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	250498	49.304	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17920	47.077	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	146182	46.326	ug/l	99
94) Hexachlorobutadiene	15.111	225	89344	46.926	ug/l	99
95) Naphthalene	15.239	128	281207	45.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	123491	44.831	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
Data File : VY010524.D
Acq On : 16 Sep 2022 10:09
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 :Krupa Patel 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 00:26:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

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

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

