

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010054.D
 Acq On : 16 Aug 2022 19:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 05:14:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	101912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50566	49.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.240%			
35) Dibromofluoromethane	7.709	113	47886	52.493	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.980%			
50) Toluene-d8	10.178	98	173338	51.359	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.477	95	61333	51.739	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	41942	50.275	ug/l	98
3) Chloromethane	2.107	50	59422	51.979	ug/l	98
4) Vinyl Chloride	2.241	62	77394	53.394	ug/l	97
5) Bromomethane	2.637	94	60665	51.276	ug/l	99
6) Chloroethane	2.783	64	53109	53.203	ug/l	99
7) Trichlorofluoromethane	3.107	101	93032	54.032	ug/l	97
8) Diethyl Ether	3.521	74	25512	52.903	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	49605	54.328	ug/l	100
10) Methyl Iodide	4.076	142	59178	54.754	ug/l	99
11) Tert butyl alcohol	4.954	59	25519	257.520	ug/l	100
12) 1,1-Dichloroethene	3.856	96	42761	51.171	ug/l	96
13) Acrolein	3.716	56	12587	185.055	ug/l	99
14) Allyl chloride	4.472	41	60412	49.191	ug/l	98
15) Acrylonitrile	5.155	53	63383	278.748	ug/l	100
16) Acetone	3.942	43	52634	241.158	ug/l	97
17) Carbon Disulfide	4.179	76	113273	47.323	ug/l	99
18) Methyl Acetate	4.466	43	30707	51.664	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	127777	55.650	ug/l	97
20) Methylene Chloride	4.698	84	53743	53.464	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	49876	51.898	ug/l	100
22) Diisopropyl ether	6.112	45	141933	58.759	ug/l	98
23) Vinyl Acetate	6.051	43	479471	314.569	ug/l	99
24) 1,1-Dichloroethane	6.002	63	83766	54.604	ug/l	98
25) 2-Butanone	6.978	43	86612	290.076	ug/l	97
26) 2,2-Dichloropropane	6.972	77	80611	50.000	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	58123	54.998	ug/l	98
28) Bromochloromethane	7.325	49	33297	52.161	ug/l	98
29) Tetrahydrofuran	7.337	42	57238	295.132	ug/l	98
30) Chloroform	7.502	83	97462	51.950	ug/l	98
31) Cyclohexane	7.776	56	70822	49.190	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	94751	55.714	ug/l	99
36) 1,1-Dichloropropene	7.911	75	68850	54.179	ug/l	96
37) Ethyl Acetate	7.063	43	39082	61.071	ug/l	97
38) Carbon Tetrachloride	7.892	117	89256	57.110	ug/l	99
39) Methylcyclohexane	9.179	83	81290	56.776	ug/l	96
40) Benzene	8.154	78	195249	52.519	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16828m	50.908	ug/l	
42) 1,2-Dichloroethane	8.228	62	65610	56.639	ug/l	100
43) Isopropyl Acetate	8.264	43	72465	59.656	ug/l	98
44) Trichloroethene	8.935	130	61299	54.552	ug/l	94
45) 1,2-Dichloropropane	9.209	63	46694	53.119	ug/l	96
46) Dibromomethane	9.300	93	32674	58.036	ug/l	99
47) Bromodichloromethane	9.489	83	75861	55.862	ug/l	98
48) Methyl methacrylate	9.288	41	31185	59.002	ug/l	96
49) 1,4-Dioxane	9.294	88	7687	1328.010	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	208265	310.766	ug/l	98
52) Toluene	10.239	92	135706	56.635	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	74883	57.258	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	80131	56.013	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	44545	57.283	ug/l	98
56) Ethyl methacrylate	10.508	69	54302	60.420	ug/l	98
57) 1,3-Dichloropropane	10.788	76	72537	58.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	98135	252.311	ug/l	98
59) 2-Hexanone	10.831	43	144175	272.023	ug/l	98
60) Dibromochloromethane	10.983	129	59522	57.789	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44056	58.133	ug/l	100
64) Tetrachloroethene	10.715	164	64617	56.523	ug/l	95
65) Chlorobenzene	11.514	112	150400	53.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60923	55.095	ug/l	99
67) Ethyl Benzene	11.587	91	256354	54.789	ug/l	97
68) m/p-Xylenes	11.703	106	211964	114.039	ug/l	98
69) o-Xylene	12.026	106	98675	56.826	ug/l	98
70) Styrene	12.044	104	169230	57.753	ug/l	99
71) Bromoform	12.202	173	41320	59.646	ug/l #	99
73) Isopropylbenzene	12.324	105	264645	55.298	ug/l	98
74) N-amyl acetate	12.141	43	57907	43.437	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	48926	51.425	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	42648m	58.760	ug/l	
77) Bromobenzene	12.605	156	69200	54.427	ug/l	91
78) n-propylbenzene	12.666	91	310041	52.548	ug/l	97
79) 2-Chlorotoluene	12.751	91	174366	52.260	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	228599	54.830	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	16136	50.242	ug/l	97
82) 4-Chlorotoluene	12.855	91	183515	52.579	ug/l	98
83) tert-Butylbenzene	13.074	119	205094	55.984	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	229358	56.029	ug/l	98
85) sec-Butylbenzene	13.251	105	291463	54.469	ug/l	97
86) p-Isopropyltoluene	13.367	119	259868	56.665	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	138671	53.561	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	136911	52.381	ug/l	99
89) n-Butylbenzene	13.696	91	219920	53.826	ug/l	98
90) Hexachloroethane	13.958	117	49100	52.821	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	124729	54.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	8945	54.701	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	79118	57.511	ug/l	99
94) Hexachlorobutadiene	15.110	225	50329	57.169	ug/l	98
95) Naphthalene	15.232	128	152914	62.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	70669	58.367	ug/l	99

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

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