

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009672.D
 Acq On : 22 Jul 2022 20:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/25/2022
 Supervised By :Mahesh Dadoda 07/25/2022

Quant Time: Jul 23 00:56:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	195290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	289520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95095	51.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.980%			
35) Dibromofluoromethane	7.710	113	95334	52.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.540%			
50) Toluene-d8	10.173	98	348018	49.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 99.260%			
62) 4-Bromofluorobenzene	12.477	95	117387	51.666	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 103.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78419	45.763	ug/l	99
3) Chloromethane	2.107	50	109073	42.952	ug/l	98
4) Vinyl Chloride	2.241	62	136664	51.463	ug/l	99
5) Bromomethane	2.637	94	100476	55.901	ug/l	98
6) Chloroethane	2.777	64	88216	54.688	ug/l	100
7) Trichlorofluoromethane	3.107	101	161994	51.480	ug/l	90
8) Diethyl Ether	3.521	74	52747	51.233	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.881	101	91649	49.806	ug/l	92
10) Methyl Iodide	4.076	142	124149	50.791	ug/l	88
11) Tert butyl alcohol	4.948	59	46053	250.610	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	87876	48.931	ug/l	82
13) Acrolein	3.716	56	23343	176.783	ug/l	98
14) Allyl chloride	4.460	41	123202	44.347	ug/l #	94
15) Acrylonitrile	5.149	53	131423	258.460	ug/l	98
16) Acetone	3.942	43	99243	212.409	ug/l	90
17) Carbon Disulfide	4.180	76	248406	44.493	ug/l	100
18) Methyl Acetate	4.466	43	60866	46.409	ug/l #	86
19) Methyl tert-butyl Ether	5.210	73	258857	54.690	ug/l	94
20) Methylene Chloride	4.698	84	123110	53.327	ug/l #	82
21) trans-1,2-Dichloroethene	5.204	96	102120	50.240	ug/l	83
22) Diisopropyl ether	6.106	45	281438	47.442	ug/l #	92
23) Vinyl Acetate	6.045	43	946091	252.766	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	168249	49.105	ug/l	97
25) 2-Butanone	6.978	43	164816	241.831	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	134257	43.740	ug/l	92
27) cis-1,2-Dichloroethene	6.972	96	116934	52.032	ug/l	82
28) Bromochloromethane	7.325	49	71576	48.755	ug/l #	72
29) Tetrahydrofuran	7.338	42	113793	254.311	ug/l #	85
30) Chloroform	7.496	83	185024	52.788	ug/l	99
31) Cyclohexane	7.777	56	142125	43.641	ug/l	87
32) 1,1,1-Trichloroethane	7.691	97	166702	53.025	ug/l	95
36) 1,1-Dichloropropene	7.911	75	136685	50.712	ug/l	96
37) Ethyl Acetate	7.063	43	78583	52.385	ug/l #	95
38) Carbon Tetrachloride	7.892	117	153138	54.275	ug/l	99
39) Methylcyclohexane	9.179	83	166527	50.107	ug/l	87
40) Benzene	8.148	78	396057	50.218	ug/l	97

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41) Methacrylonitrile	7.301	41	35163m	48.849	ug/l	
42) 1,2-Dichloroethane	8.228	62	120040	54.257	ug/l	91
43) Isopropyl Acetate	8.264	43	141730	51.561	ug/l #	90
44) Trichloroethene	8.929	130	119497	53.276	ug/l	95
45) 1,2-Dichloropropane	9.209	63	96571	49.908	ug/l	96
46) Dibromomethane	9.301	93	61379	54.617	ug/l	93
47) Bromodichloromethane	9.490	83	143586	54.489	ug/l	99
48) Methyl methacrylate	9.289	41	65481	53.918	ug/l #	87
49) 1,4-Dioxane	9.295	88	18101	1208.356	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	381230	267.113	ug/l	90
52) Toluene	10.240	92	259456	51.935	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	141891	52.133	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	158768	51.303	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	86891	54.900	ug/l	97
56) Ethyl methacrylate	10.508	69	114404	56.499	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	139384	53.070	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	297775	269.832	ug/l	91
59) 2-Hexanone	10.825	43	264616	266.572	ug/l	88
60) Dibromochloromethane	10.977	129	108103	56.446	ug/l	99
61) 1,2-Dibromoethane	11.087	107	84999	55.045	ug/l	99
64) Tetrachloroethene	10.715	164	116548	56.282	ug/l	98
65) Chlorobenzene	11.514	112	284257	52.573	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110888	55.199	ug/l	98
67) Ethyl Benzene	11.587	91	493564	51.901	ug/l	97
68) m/p-Xylenes	11.697	106	395213	104.424	ug/l	91
69) o-Xylene	12.026	106	189795	53.588	ug/l	90
70) Styrene	12.038	104	325077	55.184	ug/l	94
71) Bromoform	12.203	173	75403	59.478	ug/l #	99
73) Isopropylbenzene	12.325	105	489997	50.758	ug/l	99
74) N-amyl acetate	12.142	43	128429	50.023	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	97726	50.549	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	69040m	51.980	ug/l	
77) Bromobenzene	12.605	156	126902	52.276	ug/l	85
78) n-propylbenzene	12.666	91	581456	49.847	ug/l	96
79) 2-Chlorotoluene	12.751	91	324328	50.148	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	412585	51.723	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	32417	48.124	ug/l	88
82) 4-Chlorotoluene	12.849	91	336152	50.101	ug/l	94
83) tert-Butylbenzene	13.074	119	369347	52.116	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	409714	51.358	ug/l	97
85) sec-Butylbenzene	13.251	105	536053	51.017	ug/l	97
86) p-Isopropyltoluene	13.367	119	457318	51.790	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	246701	51.373	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	242161	50.860	ug/l	98
89) n-Butylbenzene	13.696	91	407487	50.528	ug/l	98
90) Hexachloroethane	13.958	117	87174	51.242	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	222159	52.957	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16825	57.205	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	141563	53.764	ug/l	99
94) Hexachlorobutadiene	15.111	225	83814	53.658	ug/l	98
95) Naphthalene	15.233	128	292108	58.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	127783	55.248	ug/l	100

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

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