

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020493.D
 Acq On : 03 Dec 2024 09:25
 Operator : SY/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 :Romaben Patel 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 21:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	167884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.627	114	262530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	212668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	98920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	88504	51.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.680%			
35) Dibromofluoromethane	7.646	113	87138	52.723	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.440%			
50) Toluene-d8	10.115	98	326157	51.825	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.660%			
62) 4-Bromofluorobenzene	12.413	95	111114	50.481	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	84982	51.894	ug/l	100
3) Chloromethane	2.074	50	79801	48.129	ug/l	99
4) Vinyl Chloride	2.214	62	83035	49.117	ug/l	100
5) Bromomethane	2.610	94	46722	47.103	ug/l	97
6) Chloroethane	2.750	64	49270	47.551	ug/l	98
7) Trichlorofluoromethane	3.074	101	155467	49.101	ug/l	99
8) Diethyl Ether	3.470	74	42906	47.827	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	88831	48.150	ug/l	97
10) Methyl Iodide	4.019	142	104381	50.400	ug/l	95
11) Tert butyl alcohol	4.896	59	25635	231.450	ug/l #	85
12) 1,1-Dichloroethene	3.811	96	86587	49.684	ug/l	91
13) Acrolein	3.671	56	22487	216.848	ug/l	98
14) Allyl chloride	4.403	41	151050	48.596	ug/l	96
15) Acrylonitrile	5.079	53	91807	245.612	ug/l	100
16) Acetone	3.890	43	113254	266.766	ug/l	100
17) Carbon Disulfide	4.128	76	265585	53.246	ug/l	100
18) Methyl Acetate	4.403	43	43794	48.534	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	216501	48.645	ug/l	98
20) Methylene Chloride	4.634	84	87662	48.540	ug/l	98
21) trans-1,2-Dichloroethene	5.140	96	93942	48.531	ug/l	98
22) Diisopropyl ether	6.036	45	299045	48.382	ug/l	99
23) Vinyl Acetate	5.982	43	811482	248.216	ug/l	99
24) 1,1-Dichloroethane	5.933	63	176452	47.419	ug/l	99
25) 2-Butanone	6.914	43	135719	253.165	ug/l	96
26) 2,2-Dichloropropane	6.902	77	163593	46.481	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	106705	47.209	ug/l	99
28) Bromochloromethane	7.262	49	74757	53.798	ug/l	93
29) Tetrahydrofuran	7.280	42	73463	240.207	ug/l	98
30) Chloroform	7.439	83	177512	46.481	ug/l	99
31) Cyclohexane	7.719	56	156329	46.470	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	171687	46.687	ug/l	98
36) 1,1-Dichloropropene	7.847	75	133252	47.743	ug/l	100
37) Ethyl Acetate	7.000	43	53202	48.115	ug/l	97
38) Carbon Tetrachloride	7.835	117	157435	47.262	ug/l	98
39) Methylcyclohexane	9.121	83	169517	48.946	ug/l	96
40) Benzene	8.091	78	387750	47.120	ug/l	100

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Quant Title : SW846 8260

QLast Update : Tue Dec 03 01:39:23 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	32449	51.622	ug/l	98
42) 1,2-Dichloroethane	8.170	62	103838	48.023	ug/l	100
43) Isopropyl Acetate	8.207	43	108654	48.663	ug/l	97
44) Trichloroethene	8.877	130	95136	46.897	ug/l	98
45) 1,2-Dichloropropane	9.152	63	89641	46.551	ug/l	98
46) Dibromomethane	9.243	93	46014	48.261	ug/l	97
47) Bromodichloromethane	9.432	83	131550	46.831	ug/l	99
48) Methyl methacrylate	9.231	41	50708	48.702	ug/l	96
49) 1,4-Dioxane	9.249	88	8264	906.788	ug/l #	91
51) 4-Methyl-2-Pentanone	10.005	43	264409	239.791	ug/l	99
52) Toluene	10.182	92	241862	47.108	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	120478	47.772	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	143083	48.007	ug/l	97
55) 1,1,2-Trichloroethane	10.578	97	59884	47.084	ug/l	98
56) Ethyl methacrylate	10.450	69	86779	48.222	ug/l	95
57) 1,3-Dichloropropane	10.725	76	107796	47.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	210679	250.040	ug/l	97
59) 2-Hexanone	10.767	43	199071	250.255	ug/l	97
60) Dibromochloromethane	10.920	129	84174	47.536	ug/l	100
61) 1,2-Dibromoethane	11.023	107	53875	46.321	ug/l	98
64) Tetrachloroethene	10.658	164	84495	47.020	ug/l	95
65) Chlorobenzene	11.450	112	249968	46.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	88884	47.017	ug/l	98
67) Ethyl Benzene	11.529	91	470492	47.088	ug/l	98
68) m/p-Xylenes	11.639	106	343613	93.916	ug/l	99
69) o-Xylene	11.962	106	160634	46.864	ug/l	97
70) Styrene	11.981	104	269223	47.079	ug/l	99
71) Bromoform	12.139	173	46181	48.047	ug/l #	97
73) Isopropylbenzene	12.261	105	444924	46.487	ug/l	99
74) N-amyl acetate	12.078	43	92236	49.169	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.517	83	63540	46.164	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	43786m	43.452	ug/l	
77) Bromobenzene	12.541	156	91924	46.378	ug/l	98
78) n-propylbenzene	12.602	91	529106	46.692	ug/l	99
79) 2-Chlorotoluene	12.688	91	294749	46.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	357115	46.560	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	22994	46.821	ug/l	98
82) 4-Chlorotoluene	12.785	91	299943	45.967	ug/l	99
83) tert-Butylbenzene	13.005	119	318963	45.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.053	105	346184	46.437	ug/l	100
85) sec-Butylbenzene	13.188	105	465715	46.863	ug/l	100
86) p-Isopropyltoluene	13.297	119	388045	47.252	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	179385	46.928	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	172527	46.104	ug/l	99
89) n-Butylbenzene	13.627	91	359739	47.230	ug/l	99
90) Hexachloroethane	13.889	117	73843	46.139	ug/l	94
91) 1,2-Dichlorobenzene	13.669	146	153485	47.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	9895	47.488	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	86286	47.337	ug/l	99
94) Hexachlorobutadiene	15.035	225	61667	48.359	ug/l	98
95) Naphthalene	15.157	128	143259	48.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	69631	47.342	ug/l	99

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

