

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019368.D
 Acq On : 29 Aug 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

Quant Time: Aug 29 09:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	100381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	168876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	153504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	79635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53244	52.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.820%			
35) Dibromofluoromethane	7.622	113	53223	48.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.400%			
50) Toluene-d8	10.103	98	193042	48.580	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.160%			
62) 4-Bromofluorobenzene	12.408	95	68892	50.857	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36136	49.066	ug/l	96
3) Chloromethane	2.062	50	62407	47.011	ug/l	98
4) Vinyl Chloride	2.196	62	72736	44.359	ug/l	95
5) Bromomethane	2.586	94	60150	61.430	ug/l	98
6) Chloroethane	2.726	64	50108	47.860	ug/l	97
7) Trichlorofluoromethane	3.049	101	97749	39.430	ug/l	97
8) Diethyl Ether	3.446	74	28324	52.932	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.799	101	48301	43.826	ug/l	94
10) Methyl Iodide	3.994	142	58305	53.973	ug/l	91
11) Tert butyl alcohol	4.854	59	17683	197.535	ug/l #	75
12) 1,1-Dichloroethene	3.781	96	48888	48.824	ug/l	90
14) Allyl chloride	4.372	41	69252	52.019	ug/l	88
15) Acrylonitrile	5.043	53	58012	264.954	ug/l	98
16) Acetone	3.860	43	44507	238.502	ug/l #	87
17) Carbon Disulfide	4.092	76	128738	45.584	ug/l	98
18) Methyl Acetate	4.372	43	38736	67.634	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	139991	57.667	ug/l	97
20) Methylene Chloride	4.604	84	60898	53.202	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	57000	50.953	ug/l	98
22) Diisopropyl ether	6.006	45	177741	58.321	ug/l #	92
23) Vinyl Acetate	5.951	43	619757	256.858	ug/l	97
24) 1,1-Dichloroethane	5.903	63	100789	54.078	ug/l	99
25) 2-Butanone	6.884	43	75548	251.382	ug/l	91
26) 2,2-Dichloropropane	6.878	77	61819	40.960	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	71692	54.457	ug/l	98
28) Bromochloromethane	7.238	49	37952	48.544	ug/l	100
29) Tetrahydrofuran	7.256	42	53111	274.917	ug/l	90
30) Chloroform	7.415	83	117733	56.690	ug/l	100
31) Cyclohexane	7.695	56	70086	48.570	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	102830	56.342	ug/l	98
36) 1,1-Dichloropropene	7.829	75	75014	49.472	ug/l	99
37) Ethyl Acetate	6.976	43	36052	53.666	ug/l	96
38) Carbon Tetrachloride	7.811	117	90595	51.556	ug/l	96
39) Methylcyclohexane	9.103	83	85096	43.733	ug/l	96
40) Benzene	8.073	78	238669	51.323	ug/l	98
41) Methacrylonitrile	7.207	41	19692	53.706	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.152	62	70317	55.994	ug/l	96
43) Isopropyl Acetate	8.195	43	72134	53.094	ug/l #	82
44) Trichloroethene	8.866	130	64523	49.726	ug/l	97
45) 1,2-Dichloropropane	9.140	63	53757	51.884	ug/l	93
46) Dibromomethane	9.231	93	35706	53.133	ug/l	98
47) Bromodichloromethane	9.420	83	91438	55.460	ug/l	98
48) Methyl methacrylate	9.219	41	33771	55.775	ug/l #	84
49) 1,4-Dioxane	9.231	88	8000	982.733	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	205003	284.294	ug/l	91
52) Toluene	10.170	92	162724	53.307	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	71277	52.116	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	80842	49.150	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	47602	55.024	ug/l	96
56) Ethyl methacrylate	10.438	69	63639	56.201	ug/l #	81
57) 1,3-Dichloropropane	10.713	76	75875	53.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	150518	280.197	ug/l	95
59) 2-Hexanone	10.762	43	139867	282.327	ug/l	90
60) Dibromochloromethane	10.908	129	65503	55.591	ug/l	100
61) 1,2-Dibromoethane	11.011	107	44383	53.080	ug/l	99
64) Tetrachloroethene	10.646	164	80309	59.854	ug/l	97
65) Chlorobenzene	11.438	112	180648	51.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	66223	53.276	ug/l	97
67) Ethyl Benzene	11.517	91	309476	50.445	ug/l	98
68) m/p-Xylenes	11.627	106	249514	102.500	ug/l	98
69) o-Xylene	11.956	106	119256	52.903	ug/l	99
70) Styrene	11.969	104	207344	53.938	ug/l	98
71) Bromoform	12.133	173	38733	54.511	ug/l #	99
73) Isopropylbenzene	12.255	105	308475	50.540	ug/l	100
74) N-amyl acetate	12.072	43	68983	51.830	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	50437	46.416	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	39009m	49.671	ug/l	
77) Bromobenzene	12.529	156	73614	50.220	ug/l	97
78) n-propylbenzene	12.597	91	353664	48.470	ug/l	98
79) 2-Chlorotoluene	12.682	91	205171	50.155	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	251408	50.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12984	40.831	ug/l #	82
82) 4-Chlorotoluene	12.779	91	212359	49.897	ug/l	99
83) tert-Butylbenzene	12.999	119	224473	48.885	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	255790	51.615	ug/l	98
85) sec-Butylbenzene	13.176	105	319917	47.809	ug/l	98
86) p-Isopropyltoluene	13.292	119	268447	48.841	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	145408	50.300	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	140822	49.006	ug/l	98
89) n-Butylbenzene	13.615	91	233588	46.614	ug/l	98
90) Hexachloroethane	13.877	117	53086	49.001	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	127475	50.138	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8189	51.228	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	69545	48.504	ug/l	99
94) Hexachlorobutadiene	15.023	225	37512	50.228	ug/l	98
95) Naphthalene	15.145	128	139554	54.536	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	62348	51.557	ug/l	99

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

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