

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020029.D
 Acq On : 28 Oct 2024 09:29
 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 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 01:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	206029	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.627	114	357320	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	306579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	147527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	126771	49.972	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.940%		
35) Dibromofluoromethane	7.646	113	127235	53.961	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.920%		
50) Toluene-d8	10.115	98	455263	52.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.560%		
62) 4-Bromofluorobenzene	12.413	95	163597	51.997	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	104.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	79697	41.553	ug/l	100
3) Chloromethane	2.080	50	122651	49.134	ug/l	99
4) Vinyl Chloride	2.214	62	137508	50.058	ug/l	99
5) Bromomethane	2.610	94	92611	53.264	ug/l	96
6) Chloroethane	2.744	64	99637	53.992	ug/l	98
7) Trichlorofluoromethane	3.074	101	205170	50.195	ug/l	98
8) Diethyl Ether	3.464	74	57797	46.525	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.830	101	121950	51.293	ug/l	92
10) Methyl Iodide	4.019	142	112317	46.709	ug/l	93
11) Tert butyl alcohol	4.878	59	37778	178.815	ug/l	# 74
12) 1,1-Dichloroethene	3.805	96	107007	48.413	ug/l	# 81
13) Acrolein	3.671	56	19104	102.486	ug/l	99
14) Allyl chloride	4.403	41	211745	53.095	ug/l	# 90
15) Acrylonitrile	5.073	53	143646	252.807	ug/l	97
16) Acetone	3.884	43	189367	286.756	ug/l	# 81
17) Carbon Disulfide	4.122	76	245136	41.377	ug/l	99
18) Methyl Acetate	4.403	43	77619	54.563	ug/l	# 86
19) Methyl tert-butyl Ether	5.128	73	318882	50.218	ug/l	95
20) Methylene Chloride	4.640	84	127839	52.431	ug/l	# 86
21) trans-1,2-Dichloroethene	5.128	96	121169	50.369	ug/l	87
22) Diisopropyl ether	6.030	45	496829	57.195	ug/l	# 90
23) Vinyl Acetate	5.976	43	1284239	257.885	ug/l	# 91
24) 1,1-Dichloroethane	5.927	63	272014	56.333	ug/l	96
25) 2-Butanone	6.908	43	230515	260.783	ug/l	# 83
26) 2,2-Dichloropropane	6.902	77	234914	54.627	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	159171	53.542	ug/l	81
28) Bromochloromethane	7.256	49	110668	52.071	ug/l	# 72
29) Tetrahydrofuran	7.274	42	121587	240.906	ug/l	# 81
30) Chloroform	7.433	83	281519	57.193	ug/l	99
31) Cyclohexane	7.713	56	205663	48.520	ug/l	86
32) 1,1,1-Trichloroethane	7.628	97	242695	56.261	ug/l	94
36) 1,1-Dichloropropene	7.847	75	184456	54.300	ug/l	94
37) Ethyl Acetate	6.994	43	85793	48.434	ug/l	# 95
38) Carbon Tetrachloride	7.829	117	202338	55.562	ug/l	96
39) Methylcyclohexane	9.115	83	216299	50.535	ug/l	# 84
40) Benzene	8.091	78	570603	55.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	53145	55.435	ug/l #	82
42) 1,2-Dichloroethane	8.170	62	159618	54.043	ug/l	94
43) Isopropyl Acetate	8.207	43	181886	50.350	ug/l #	88
44) Trichloroethene	8.877	130	133402	53.575	ug/l	94
45) 1,2-Dichloropropane	9.152	63	146668	56.998	ug/l	96
46) Dibromomethane	9.237	93	74041	52.665	ug/l	89
47) Bromodichloromethane	9.432	83	214099	57.373	ug/l	94
48) Methyl methacrylate	9.231	41	82213	51.738	ug/l #	80
49) 1,4-Dioxane	9.237	88	14980	952.008	ug/l #	84
51) 4-Methyl-2-Pentanone	10.005	43	475210	257.904	ug/l	88
52) Toluene	10.176	92	362556	56.497	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	182389	54.321	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	217550	54.911	ug/l #	86
55) 1,1,2-Trichloroethane	10.578	97	99521	53.729	ug/l	93
56) Ethyl methacrylate	10.444	69	137463	51.720	ug/l #	75
57) 1,3-Dichloropropane	10.725	76	176829	54.361	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	342145	276.525	ug/l	92
59) 2-Hexanone	10.767	43	348423	264.753	ug/l	85
60) Dibromochloromethane	10.920	129	127848	53.776	ug/l	98
61) 1,2-Dibromoethane	11.023	107	85281	50.950	ug/l	99
64) Tetrachloroethene	10.652	164	108297	49.663	ug/l	92
65) Chlorobenzene	11.450	112	385750	55.011	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.523	131	135040	56.920	ug/l	98
67) Ethyl Benzene	11.523	91	722890	56.751	ug/l	99
68) m/p-Xylenes	11.633	106	519871	110.508	ug/l	89
69) o-Xylene	11.962	106	248010	54.869	ug/l	90
70) Styrene	11.974	104	433757	56.879	ug/l	96
71) Bromoform	12.139	173	66575	52.419	ug/l #	95
73) Isopropylbenzene	12.261	105	703143	56.664	ug/l	98
74) N-amyl acetate	12.078	43	160282	48.768	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.511	83	115061	52.184	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	66959m	23.169	ug/l	
77) Bromobenzene	12.541	156	136772	51.940	ug/l	84
78) n-propylbenzene	12.602	91	861161	57.434	ug/l	96
79) 2-Chlorotoluene	12.682	91	482023	56.075	ug/l	93
80) 1,3,5-Trimethylbenzene	12.743	105	556655	55.547	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.310	75	36908	51.548	ug/l #	84
82) 4-Chlorotoluene	12.785	91	487706	55.488	ug/l	95
83) tert-Butylbenzene	13.005	119	516248	57.504	ug/l	94
84) 1,2,4-Trimethylbenzene	13.047	105	552717	55.630	ug/l	95
85) sec-Butylbenzene	13.182	105	768178	57.270	ug/l	97
86) p-Isopropyltoluene	13.297	119	613226	56.301	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	284252	53.454	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	278219	53.256	ug/l	97
89) n-Butylbenzene	13.620	91	606658	57.042	ug/l	98
90) Hexachloroethane	13.883	117	125555	59.200	ug/l	83
91) 1,2-Dichlorobenzene	13.663	146	244629	52.355	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16531	46.978	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	127439	48.641	ug/l	98
94) Hexachlorobutadiene	15.029	225	70632	48.490	ug/l	97
95) Naphthalene	15.151	128	228866	46.315	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	105414	47.596	ug/l	96

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

