

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020015.D
 Acq On : 24 Oct 2024 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:43:07 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	7.713	168	184786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	323295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	287860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141237	62.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.160%			
35) Dibromofluoromethane	7.634	113	137118	64.272	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.540%			
50) Toluene-d8	10.103	98	494453	62.761	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 125.520%			
62) 4-Bromofluorobenzene	12.408	95	181064	63.606	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 127.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	79590	46.268	ug/l	97
3) Chloromethane	2.068	50	119170	53.227	ug/l	99
4) Vinyl Chloride	2.202	62	137695	55.888	ug/l	99
5) Bromomethane	2.598	94	89134	57.157	ug/l	97
6) Chloroethane	2.739	64	99867	60.338	ug/l	100
7) Trichlorofluoromethane	3.062	101	201901	55.073	ug/l	93
8) Diethyl Ether	3.458	74	61839	55.502	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	123040	57.700	ug/l	90
10) Methyl Iodide	4.007	142	106297	49.287	ug/l #	88
11) Tert butyl alcohol	4.860	59	43900	237.261	ug/l #	81
12) 1,1-Dichloroethene	3.793	96	104435	52.681	ug/l #	73
13) Acrolein	3.653	56	22607	135.221	ug/l	95
14) Allyl chloride	4.385	41	207833	58.106	ug/l #	89
15) Acrylonitrile	5.061	53	150494	295.307	ug/l	97
16) Acetone	3.866	43	168096	283.808	ug/l #	81
17) Carbon Disulfide	4.104	76	234387	44.111	ug/l	100
18) Methyl Acetate	4.385	43	79643	62.422	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	322201	56.574	ug/l	98
20) Methylene Chloride	4.616	84	130621	59.845	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	118565	54.953	ug/l #	85
22) Diisopropyl ether	6.018	45	494008	63.408	ug/l #	90
23) Vinyl Acetate	5.964	43	1330603	297.913	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	263750	60.900	ug/l	96
25) 2-Butanone	6.896	43	230214	290.383	ug/l #	82
26) 2,2-Dichloropropane	6.890	77	221286	57.374	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	155117	58.176	ug/l	82
28) Bromochloromethane	7.244	49	113126	59.346	ug/l #	71
29) Tetrahydrofuran	7.268	42	129469	286.013	ug/l #	82
30) Chloroform	7.421	83	273784	62.015	ug/l	99
31) Cyclohexane	7.707	56	204319	53.744	ug/l	84
32) 1,1,1-Trichloroethane	7.622	97	232132	59.998	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	180407	58.697	ug/l	93
37) Ethyl Acetate	6.988	43	89561	55.883	ug/l	98
38) Carbon Tetrachloride	7.817	117	192521	58.430	ug/l	99
39) Methylcyclohexane	9.109	83	214763	55.456	ug/l #	87
40) Benzene	8.079	78	552313	59.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	47340	54.577	ug/l	91
42) 1,2-Dichloroethane	8.158	62	163025	61.005	ug/l	94
43) Isopropyl Acetate	8.195	43	187633	57.407	ug/l #	78
44) Trichloroethene	8.866	130	126466	56.135	ug/l	89
45) 1,2-Dichloropropane	9.140	63	145039	62.297	ug/l	97
46) Dibromomethane	9.231	93	73264	57.597	ug/l	89
47) Bromodichloromethane	9.420	83	209456	62.036	ug/l	98
48) Methyl methacrylate	9.219	41	85406	59.404	ug/l #	81
49) 1,4-Dioxane	9.231	88	15802	1109.939	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	509348	305.525	ug/l	88
52) Toluene	10.170	92	350943	60.443	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	178332	58.703	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	208672	58.214	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	98909	59.019	ug/l	95
56) Ethyl methacrylate	10.438	69	140209	58.305	ug/l #	67
57) 1,3-Dichloropropane	10.719	76	175944	59.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	318018	284.076	ug/l	94
59) 2-Hexanone	10.762	43	359431	301.862	ug/l	87
60) Dibromochloromethane	10.908	129	128294	59.643	ug/l	100
61) 1,2-Dibromoethane	11.011	107	86397	57.049	ug/l	98
64) Tetrachloroethene	10.646	164	105466	51.509	ug/l #	88
65) Chlorobenzene	11.438	112	376843	57.236	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	127937	57.432	ug/l	99
67) Ethyl Benzene	11.517	91	706616	59.081	ug/l	98
68) m/p-Xylenes	11.627	106	512619	116.052	ug/l	91
69) o-Xylene	11.950	106	246718	58.133	ug/l	92
70) Styrene	11.969	104	425979	59.492	ug/l	96
71) Bromoform	12.133	173	65237	54.706	ug/l #	96
73) Isopropylbenzene	12.255	105	687040	56.775	ug/l	97
74) N-amyl acetate	12.072	43	176644	55.114	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	124146	57.736	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	85774m	30.434	ug/l	
77) Bromobenzene	12.529	156	137144	53.407	ug/l	82
78) n-propylbenzene	12.597	91	849085	58.069	ug/l	97
79) 2-Chlorotoluene	12.676	91	472850	56.407	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	548308	56.106	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	37158	53.217	ug/l #	83
82) 4-Chlorotoluene	12.773	91	484061	56.475	ug/l	94
83) tert-Butylbenzene	12.999	119	511172	58.387	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	543799	56.125	ug/l	97
85) sec-Butylbenzene	13.176	105	763605	58.377	ug/l	97
86) p-Isopropyltoluene	13.292	119	615014	57.902	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	281440	54.271	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	275968	54.169	ug/l	96
89) n-Butylbenzene	13.615	91	617886	59.575	ug/l	97
90) Hexachloroethane	13.877	117	118786	57.433	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	252743	55.468	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17492	50.973	ug/l	77
93) 1,2,4-Trichlorobenzene	14.919	180	133286	52.167	ug/l	96
94) Hexachlorobutadiene	15.023	225	74318	52.319	ug/l	99
95) Naphthalene	15.145	128	248469	51.561	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	110807	51.304	ug/l	97

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

