

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020154.D
 Acq On : 04 Nov 2024 19:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 00:38:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2024
 Supervised By :Mahesh Dadoda 11/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	201402	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	367387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	147556	58.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.400%			
35) Dibromofluoromethane	7.640	113	133264	57.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.100%			
50) Toluene-d8	10.109	98	533417	57.371	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.740%			
62) 4-Bromofluorobenzene	12.401	95	175003	57.948	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 115.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	93968	50.403	ug/l	97
3) Chloromethane	2.068	50	165108	53.466	ug/l	97
4) Vinyl Chloride	2.202	62	185888	56.072	ug/l	99
5) Bromomethane	2.598	94	120277	54.646	ug/l	99
6) Chloroethane	2.738	64	121920	56.985	ug/l	97
7) Trichlorofluoromethane	3.061	101	220184	54.368	ug/l	93
8) Diethyl Ether	3.458	74	64969	57.517	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.817	101	125878	55.415	ug/l	90
10) Methyl Iodide	4.006	142	126819	57.826	ug/l #	90
11) Tert butyl alcohol	4.866	59	44766	247.591	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	120376	55.386	ug/l #	76
13) Acrolein	3.653	56	42063	186.884	ug/l	100
14) Allyl chloride	4.384	41	217743	55.530	ug/l #	89
15) Acrylonitrile	5.061	53	150854	293.392	ug/l	98
16) Acetone	3.866	43	143481	245.453	ug/l	88
17) Carbon Disulfide	4.110	76	394054	54.482	ug/l	99
18) Methyl Acetate	4.384	43	85986	62.694	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	324359	59.322	ug/l	98
20) Methylene Chloride	4.616	84	133256	50.746	ug/l #	77
21) trans-1,2-Dichloroethene	5.116	96	139224	56.801	ug/l	86
22) Diisopropyl ether	6.024	45	482854	59.339	ug/l	93
23) Vinyl Acetate	5.963	43	1303942	284.742	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	269922	57.287	ug/l	96
25) 2-Butanone	6.896	43	219564	277.091	ug/l #	81
26) 2,2-Dichloropropane	6.890	77	202665	51.696	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	162409	57.641	ug/l	84
28) Bromochloromethane	7.250	49	124946	56.632	ug/l #	69
29) Tetrahydrofuran	7.262	42	138309	302.453	ug/l #	81
30) Chloroform	7.427	83	272817	58.349	ug/l	97
31) Cyclohexane	7.701	56	237742	52.119	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	231681	56.755	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	191748	53.141	ug/l	96
37) Ethyl Acetate	6.988	43	95563	55.549	ug/l #	95
38) Carbon Tetrachloride	7.823	117	198255	54.639	ug/l	98
39) Methylcyclohexane	9.109	83	250033	54.597	ug/l #	89
40) Benzene	8.079	78	602181	57.176	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	52869	61.349	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	167399	57.421	ug/l	93
43) Isopropyl Acetate	8.201	43	188217	56.895	ug/l #	77
44) Trichloroethene	8.865	130	133190	54.563	ug/l	86
45) 1,2-Dichloropropane	9.140	63	146397	58.098	ug/l	96
46) Dibromomethane	9.231	93	77776	56.964	ug/l	89
47) Bromodichloromethane	9.426	83	208378	58.257	ug/l	99
48) Methyl methacrylate	9.219	41	90023	58.749	ug/l #	80
49) 1,4-Dioxane	9.231	88	15981	1136.871	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	510509	299.493	ug/l	89
52) Toluene	10.170	92	377009	58.071	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	183977	58.247	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	215920	57.273	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	101519	59.801	ug/l	97
56) Ethyl methacrylate	10.438	69	144766	59.448	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	177874	57.216	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	346617	288.621	ug/l	92
59) 2-Hexanone	10.761	43	356947	292.087	ug/l	86
60) Dibromochloromethane	10.914	129	126425	58.423	ug/l	99
61) 1,2-Dibromoethane	11.017	107	92034	58.353	ug/l	99
64) Tetrachloroethene	10.645	164	122204	56.464	ug/l	90
65) Chlorobenzene	11.444	112	387557	55.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	124055	55.593	ug/l	100
67) Ethyl Benzene	11.517	91	733217	56.159	ug/l	98
68) m/p-Xylenes	11.627	106	537406	112.503	ug/l	92
69) o-Xylene	11.956	106	254452	56.264	ug/l	90
70) Styrene	11.968	104	434393	58.093	ug/l	96
71) Bromoform	12.133	173	68255	59.623	ug/l #	99
73) Isopropylbenzene	12.255	105	688771	56.222	ug/l	98
74) N-ethyl acetate	12.072	43	172442	56.310	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	121072	56.509	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	86842m	60.410	ug/l	
77) Bromobenzene	12.529	156	136415	55.059	ug/l	82
78) n-propylbenzene	12.596	91	830483	54.469	ug/l	97
79) 2-Chlorotoluene	12.676	91	464305	54.861	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	553587	56.286	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	37018	55.389	ug/l #	83
82) 4-Chlorotoluene	12.779	91	479114	55.522	ug/l	94
83) tert-Butylbenzene	12.999	119	482241	56.073	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	556054	57.080	ug/l	95
85) sec-Butylbenzene	13.175	105	728148	55.151	ug/l	97
86) p-Isopropyltoluene	13.291	119	582277	54.958	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	286785	56.978	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	279898	55.842	ug/l	97
89) n-Butylbenzene	13.614	91	579374	54.551	ug/l	97
90) Hexachloroethane	13.877	117	115081	54.923	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	250508	57.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18188	55.976	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	126625	53.878	ug/l	98
94) Hexachlorobutadiene	15.023	225	68565	53.352	ug/l	99
95) Naphthalene	15.145	128	251987	57.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	106833	53.550	ug/l	97

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

