

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020347.D
 Acq On : 20 Nov 2024 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 21 00:41:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	225214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	368816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	305686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	139421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	127232	49.173	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.340%		
35) Dibromofluoromethane	7.640	113	112981	47.773	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.540%		
50) Toluene-d8	10.109	98	459693	49.344	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.407	95	150728	50.330	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	100.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	123842	56.651	ug/l	99
3) Chloromethane	2.074	50	133060	46.102	ug/l	97
4) Vinyl Chloride	2.208	62	132743	44.262	ug/l	100
5) Bromomethane	2.604	94	70092	46.797	ug/l	94
6) Chloroethane	2.745	64	79628	45.515	ug/l	100
7) Trichlorofluoromethane	3.068	101	215305	51.662	ug/l	100
8) Diethyl Ether	3.464	74	64095	48.744	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	123082	49.591	ug/l	100
10) Methyl Iodide	4.013	142	159702	48.038	ug/l	95
11) Tert butyl alcohol	4.878	59	40473	210.807	ug/l	98
12) 1,1-Dichloroethene	3.799	96	120837	49.185	ug/l	98
13) Acrolein	3.665	56	40645	253.685	ug/l	97
14) Allyl chloride	4.391	41	230831	48.587	ug/l	94
15) Acrylonitrile	5.067	53	140212	241.217	ug/l	100
16) Acetone	3.878	43	174248	280.915	ug/l	96
17) Carbon Disulfide	4.116	76	401178	48.469	ug/l	99
18) Methyl Acetate	4.391	43	67940	46.988	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	306676	48.052	ug/l	100
20) Methylene Chloride	4.622	84	124584	47.429	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	132259	48.470	ug/l	94
22) Diisopropyl ether	6.024	45	438804	46.869	ug/l	99
23) Vinyl Acetate	5.970	43	1264142	241.614	ug/l	99
24) 1,1-Dichloroethane	5.927	63	253827	48.024	ug/l	99
25) 2-Butanone	6.902	43	215679	270.087	ug/l	100
26) 2,2-Dichloropropane	6.890	77	224188	51.319	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	148899	49.542	ug/l	99
28) Bromochloromethane	7.250	49	101919	45.817	ug/l	96
29) Tetrahydrofuran	7.262	42	120244	251.939	ug/l	97
30) Chloroform	7.427	83	244256	47.857	ug/l	99
31) Cyclohexane	7.707	56	238839	49.517	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	227690	50.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	189435	52.444	ug/l	99
37) Ethyl Acetate	6.988	43	85978	51.960	ug/l	99
38) Carbon Tetrachloride	7.823	117	209178	55.464	ug/l	95
39) Methylcyclohexane	9.115	83	247045	54.648	ug/l	98
40) Benzene	8.085	78	542044	51.206	ug/l	99

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	44570	47.339	ug/l	97
42) 1,2-Dichloroethane	8.164	62	147581	51.651	ug/l	98
43) Isopropyl Acetate	8.201	43	167977	52.201	ug/l	99
44) Trichloroethene	8.865	130	127292	50.753	ug/l	99
45) 1,2-Dichloropropane	9.146	63	127916	50.648	ug/l	98
46) Dibromomethane	9.237	93	63867	49.338	ug/l	99
47) Bromodichloromethane	9.426	83	182364	51.033	ug/l	97
48) Methyl methacrylate	9.225	41	80458	52.297	ug/l	96
49) 1,4-Dioxane	9.231	88	13948	1047.335	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	422422	258.674	ug/l	100
52) Toluene	10.176	92	329120	50.868	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	171835	50.851	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	202841	52.437	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	83003	48.306	ug/l	97
56) Ethyl methacrylate	10.444	69	131486	50.954	ug/l	98
57) 1,3-Dichloropropane	10.719	76	153767	49.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	299771	244.993	ug/l	100
59) 2-Hexanone	10.761	43	325260	281.280	ug/l	100
60) Dibromochloromethane	10.914	129	112637	50.857	ug/l	99
61) 1,2-Dibromoethane	11.017	107	77227	48.502	ug/l	100
64) Tetrachloroethene	10.652	164	111013	50.380	ug/l	98
65) Chlorobenzene	11.444	112	340543	49.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	115801	50.860	ug/l	98
67) Ethyl Benzene	11.523	91	647145	51.467	ug/l	100
68) m/p-Xylenes	11.633	106	470841	103.957	ug/l	97
69) o-Xylene	11.956	106	221785	51.628	ug/l	98
70) Styrene	11.975	104	372408	52.177	ug/l	98
71) Bromoform	12.133	173	61199	51.574	ug/l #	100
73) Isopropylbenzene	12.255	105	608837	51.550	ug/l	100
74) N-amyl acetate	12.072	43	151841	53.200	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	92848	48.642	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	63851m	48.590	ug/l	
77) Bromobenzene	12.535	156	123012	49.713	ug/l	97
78) n-propylbenzene	12.596	91	738216	52.082	ug/l	100
79) 2-Chlorotoluene	12.682	91	413107	50.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	491310	51.473	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	33894	50.540	ug/l	98
82) 4-Chlorotoluene	12.779	91	421177	50.075	ug/l	97
83) tert-Butylbenzene	12.999	119	447082	53.077	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	480451	50.771	ug/l	99
85) sec-Butylbenzene	13.182	105	648374	48.826	ug/l	100
86) p-Isopropyltoluene	13.298	119	533982	52.008	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	242976	48.563	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	238102	49.808	ug/l	99
89) n-Butylbenzene	13.621	91	518610	52.746	ug/l	99
90) Hexachloroethane	13.883	117	99668	50.295	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	208100	49.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15217	48.583	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	133003	52.769	ug/l	99
94) Hexachlorobutadiene	15.029	225	87110	56.619	ug/l	99
95) Naphthalene	15.151	128	237543	54.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	110769	51.399	ug/l	99

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

