

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020929.D
 Acq On : 18 Nov 2021 16:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 05:00:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:59:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	84882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	123265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	113318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	57203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36080	45.888	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.780%		
35) Dibromofluoromethane	7.884	113	38545	49.852	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.700%		
50) Toluene-d8	10.323	98	140269	49.465	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.615	95	51145	48.361	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	6865	44.476	ug/l	96
3) Chloromethane	2.215	50	21682	44.372	ug/l	97
4) Vinyl Chloride	2.361	62	42181	49.023	ug/l	97
5) Bromomethane	2.776	94	32200	58.141	ug/l	98
6) Chloroethane	2.916	64	19586	59.056	ug/l	97
7) Trichlorofluoromethane	3.257	101	23524	65.920	ug/l	98
8) Diethyl Ether	3.690	74	18409	49.116	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	38082	51.730	ug/l	98
10) Methyl Iodide	4.275	142	61044	54.976	ug/l	99
11) Tert butyl alcohol	5.184	59	11297	163.085	ug/l #	96
12) 1,1-Dichloroethene	4.038	96	36884	51.129	ug/l	97
13) Acrolein	3.903	56	3078	256.890	ug/l	93
14) Allyl chloride	4.672	41	51893	50.104	ug/l	98
15) Acrylonitrile	5.367	53	35972	221.831	ug/l	99
16) Acetone	4.129	43	33543	205.230	ug/l	99
17) Carbon Disulfide	4.385	76	102529	51.721	ug/l	99
18) Methyl Acetate	4.678	43	23996	42.076	ug/l	97
19) Methyl tert-butyl Ether	5.434	73	62243	50.070	ug/l	100
20) Methylene Chloride	4.922	84	40309	44.155	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	42602	51.878	ug/l	92
22) Diisopropyl ether	6.312	45	104828	49.330	ug/l	99
23) Vinyl Acetate	6.257	43	292895	235.531	ug/l	99
24) 1,1-Dichloroethane	6.220	63	68583	50.728	ug/l	99
25) 2-Butanone	7.177	43	47535	204.777	ug/l	95
26) 2,2-Dichloropropane	7.171	77	48036	50.074	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	46416	50.596	ug/l	99
28) Bromochloromethane	7.513	49	27038	47.261	ug/l	95
29) Tetrahydrofuran	7.531	42	29887	212.305	ug/l	100
30) Chloroform	7.677	83	75172	50.540	ug/l	99
31) Cyclohexane	7.958	56	62986	48.019	ug/l	96
32) 1,1,1-Trichloroethane	7.878	97	67195	53.504	ug/l	99
36) 1,1-Dichloropropene	8.086	75	58066	52.436	ug/l	99
37) Ethyl Acetate	7.256	43	21583	42.730	ug/l	99
38) Carbon Tetrachloride	8.067	117	61678	52.359	ug/l	96
39) Methylcyclohexane	9.335	83	72176	51.912	ug/l	97
40) Benzene	8.323	78	159928	50.652	ug/l	99

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41) Methacrylonitrile	7.482	41	12725	47.250	ug/l	95
42) 1,2-Dichloroethane	8.403	62	47454	49.546	ug/l	99
43) Isopropyl Acetate	8.427	43	44946	45.342	ug/l	98
44) Trichloroethene	9.092	130	48473	52.618	ug/l	95
45) 1,2-Dichloropropane	9.372	63	36920	50.774	ug/l	96
46) Dibromomethane	9.457	93	22951	49.818	ug/l	97
47) Bromodichloromethane	9.646	83	55048	50.504	ug/l	96
48) Methyl methacrylate	9.433	41	21090	47.827	ug/l	95
49) 1,4-Dioxane	9.457	88	5129	772.629	ug/l #	77
51) 4-Methyl-2-Pentanone	10.207	43	109032	216.032	ug/l	100
52) Toluene	10.390	92	105830	52.144	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	53722	49.641	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	62284	50.857	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	29888	48.390	ug/l	97
56) Ethyl methacrylate	10.646	69	37327	47.460	ug/l	98
57) 1,3-Dichloropropane	10.933	76	50694	48.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	91999	232.429	ug/l	99
59) 2-Hexanone	10.969	43	75285	214.429	ug/l	99
60) Dibromochloromethane	11.128	129	37864	48.627	ug/l	96
61) 1,2-Dibromoethane	11.237	107	29688	48.445	ug/l	94
64) Tetrachloroethene	10.866	164	42581	50.579	ug/l	87
65) Chlorobenzene	11.658	112	115471	50.684	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	42462	50.125	ug/l	97
67) Ethyl Benzene	11.731	91	206257	51.589	ug/l	95
68) m/p-Xylenes	11.841	106	164758	101.932	ug/l	97
69) o-Xylene	12.164	106	79244	52.283	ug/l	100
70) Styrene	12.176	104	131446	51.636	ug/l	99
71) Bromoform	12.347	173	24191	49.404	ug/l #	95
73) Isopropylbenzene	12.463	105	210955	53.966	ug/l	98
74) N-amyl acetate	12.274	43	43219	46.417	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	33411	48.992	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	21517m	41.866	ug/l	
77) Bromobenzene	12.743	156	50708	53.406	ug/l	94
78) n-propylbenzene	12.804	91	252829	54.914	ug/l	98
79) 2-Chlorotoluene	12.890	91	142592	53.586	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	180821	53.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	10300	47.142	ug/l	100
82) 4-Chlorotoluene	12.987	91	148986	52.796	ug/l	97
83) tert-Butylbenzene	13.207	119	158993	53.067	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	178906	54.047	ug/l	99
85) sec-Butylbenzene	13.383	105	234072	54.289	ug/l	100
86) p-Isopropyltoluene	13.493	119	200035	53.816	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	103113	53.585	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	102238	52.872	ug/l	98
89) n-Butylbenzene	13.822	91	178005	53.334	ug/l	97
90) Hexachloroethane	14.091	117	38047	54.351	ug/l	89
91) 1,2-Dichlorobenzene	13.865	146	89121	52.717	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5573	46.536	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	60303	50.058	ug/l	95
94) Hexachlorobutadiene	15.231	225	33592	49.172	ug/l	97
95) Naphthalene	15.365	128	106715	47.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	53142	50.028	ug/l	96

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

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