

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020922.D
 Acq On : 18 Nov 2021 12:25
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 17:31:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	82632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	122917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	107227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	36167	47.251	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.500%		
35) Dibromofluoromethane	7.884	113	36468	47.299	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.600%		
50) Toluene-d8	10.323	98	136776	48.370	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.740%		
62) 4-Bromofluorobenzene	12.621	95	49470	46.910	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8859	46.050	ug/l	98
3) Chloromethane	2.208	50	23881	50.203	ug/l	96
4) Vinyl Chloride	2.355	62	44079	52.624	ug/l	100
5) Bromomethane	2.763	94	33200	61.579	ug/l	99
6) Chloroethane	2.909	64	18872	58.452	ug/l	98
7) Trichlorofluoromethane	3.251	101	21109	60.764	ug/l	97
8) Diethyl Ether	3.684	74	17267	47.324	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.056	101	38678	53.970	ug/l	99
10) Methyl Iodide	4.269	142	56028	51.832	ug/l	96
11) Tert butyl alcohol	5.177	59	13548	200.906	ug/l #	87
12) 1,1-Dichloroethene	4.037	96	36761	52.346	ug/l	94
13) Acrolein	3.903	56	3031	247.286	ug/l	98
14) Allyl chloride	4.665	41	50096	49.686	ug/l	99
15) Acrylonitrile	5.366	53	37232	235.853	ug/l	99
16) Acetone	4.129	43	45111	283.523	ug/l	96
17) Carbon Disulfide	4.379	76	101477	52.585	ug/l	100
18) Methyl Acetate	4.665	43	24664	44.425	ug/l	98
19) Methyl tert-butyl Ether	5.427	73	57453	47.475	ug/l	99
20) Methylene Chloride	4.915	84	38095	49.411	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	41584	52.017	ug/l	94
22) Diisopropyl ether	6.311	45	100341	48.504	ug/l	98
23) Vinyl Acetate	6.256	43	297787	245.985	ug/l	99
24) 1,1-Dichloroethane	6.214	63	66933	50.856	ug/l	97
25) 2-Butanone	7.171	43	56196	248.679	ug/l	93
26) 2,2-Dichloropropane	7.165	77	48141	51.549	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	44622	49.965	ug/l	99
28) Bromochloromethane	7.512	49	26086	46.839	ug/l	98
29) Tetrahydrofuran	7.531	42	31309	228.462	ug/l	98
30) Chloroform	7.677	83	73406	50.696	ug/l	99
31) Cyclohexane	7.957	56	62670	49.080	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	64196	52.508	ug/l	99
36) 1,1-Dichloropropene	8.079	75	57916	52.449	ug/l	100
37) Ethyl Acetate	7.250	43	22875	45.416	ug/l	99
38) Carbon Tetrachloride	8.067	117	63097	53.715	ug/l	98
39) Methylcyclohexane	9.335	83	72435	52.246	ug/l	98
40) Benzene	8.323	78	157798	50.119	ug/l	99

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41) Methacrylonitrile	7.482	41	13507	50.295	ug/l	95
42) 1,2-Dichloroethane	8.396	62	46086	48.254	ug/l	99
43) Isopropyl Acetate	8.427	43	46635	47.179	ug/l	99
44) Trichloroethene	9.091	130	47520	51.729	ug/l	97
45) 1,2-Dichloropropane	9.366	63	35518	48.984	ug/l	97
46) Dibromomethane	9.457	93	22162	48.242	ug/l	98
47) Bromodichloromethane	9.646	83	53586	49.302	ug/l	99
48) Methyl methacrylate	9.439	41	21477	48.842	ug/l	96
49) 1,4-Dioxane	9.457	88	5961	900.503	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	115099	228.698	ug/l	99
52) Toluene	10.390	92	102398	50.595	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	53039	49.148	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	60447	49.497	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	29403	47.740	ug/l	94
56) Ethyl methacrylate	10.646	69	37697	48.066	ug/l	100
57) 1,3-Dichloropropane	10.932	76	49762	47.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.920	63	90447	229.155	ug/l	100
59) 2-Hexanone	10.969	43	86275	246.426	ug/l	100
60) Dibromochloromethane	11.128	129	39410	50.755	ug/l	98
61) 1,2-Dibromoethane	11.237	107	29730	48.651	ug/l	97
64) Tetrachloroethene	10.865	164	41707	52.355	ug/l	88
65) Chlorobenzene	11.658	112	112416	52.146	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	42965	53.600	ug/l	98
67) Ethyl Benzene	11.731	91	202825	53.612	ug/l	95
68) m/p-Xylenes	11.835	106	161367	105.505	ug/l	98
69) o-Xylene	12.164	106	76206	53.135	ug/l	99
70) Styrene	12.182	104	124902	51.853	ug/l	97
71) Bromoform	12.347	173	23906	51.595	ug/l #	96
73) Isopropylbenzene	12.463	105	205380	53.208	ug/l	99
74) N-amyl acetate	12.274	43	45401	49.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	33502	49.750	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	21870m	43.094	ug/l	
77) Bromobenzene	12.749	156	46887	50.010	ug/l	98
78) n-propylbenzene	12.804	91	247301	54.396	ug/l	99
79) 2-Chlorotoluene	12.889	91	140901	53.624	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	174598	52.747	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	10860	50.337	ug/l	99
82) 4-Chlorotoluene	12.987	91	146096	52.430	ug/l	97
83) tert-Butylbenzene	13.206	119	154509	52.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	173865	53.192	ug/l	99
85) sec-Butylbenzene	13.383	105	227787	53.502	ug/l	99
86) p-Isopropyltoluene	13.499	119	197746	53.876	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	101053	53.182	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	97270	50.942	ug/l	96
89) n-Butylbenzene	13.822	91	180453	54.755	ug/l	99
90) Hexachloroethane	14.090	117	37012	53.545	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	87795	52.593	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	5882	49.740	ug/l	94
93) 1,2,4-Trichlorobenzene	15.133	180	63039	52.995	ug/l	97
94) Hexachlorobutadiene	15.237	225	34093	50.540	ug/l	93
95) Naphthalene	15.365	128	108098	49.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.547	180	51987	49.562	ug/l	96

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

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