

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020920.D
 Acq On : 17 Nov 2021 23:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 05:18:12 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	75652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	122574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	113087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	59416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	38090	54.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.720%			
35) Dibromofluoromethane	7.884	113	37436	48.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.380%			
50) Toluene-d8	10.323	98	138851	49.241	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.480%			
62) 4-Bromofluorobenzene	12.615	95	53485	50.859	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9692	53.452	ug/l	97
3) Chloromethane	2.208	50	23746	54.525	ug/l	97
4) Vinyl Chloride	2.355	62	40923	53.364	ug/l	100
5) Bromomethane	2.769	94	29879	60.533	ug/l	96
6) Chloroethane	2.916	64	16575	56.075	ug/l	98
7) Trichlorofluoromethane	3.245	101	16604	52.205	ug/l	98
8) Diethyl Ether	3.684	74	18851	56.432	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.056	101	35630	54.304	ug/l	97
10) Methyl Iodide	4.269	142	55208	55.786	ug/l	100
11) Tert butyl alcohol	5.165	59	21008	340.275	ug/l #	92
12) 1,1-Dichloroethene	4.037	96	33824	52.608	ug/l	95
13) Acrolein	3.897	56	3368	297.953	ug/l	92
14) Allyl chloride	4.665	41	49834	53.987	ug/l	100
15) Acrylonitrile	5.366	53	41583	287.720	ug/l	99
16) Acetone	4.123	43	38320	263.063	ug/l	99
17) Carbon Disulfide	4.379	76	96854	54.820	ug/l	99
18) Methyl Acetate	4.671	43	29497	58.032	ug/l	98
19) Methyl tert-butyl Ether	5.433	73	63191	57.034	ug/l	97
20) Methylene Chloride	4.921	84	38887	55.653	ug/l	95
21) trans-1,2-Dichloroethene	5.421	96	39968	54.608	ug/l	98
22) Diisopropyl ether	6.311	45	104535	55.194	ug/l	98
23) Vinyl Acetate	6.257	43	310903	280.515	ug/l	99
24) 1,1-Dichloroethane	6.214	63	66657	55.319	ug/l	99
25) 2-Butanone	7.171	43	57026	275.635	ug/l	97
26) 2,2-Dichloropropane	7.165	77	41485	48.521	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	44998	55.035	ug/l	99
28) Bromochloromethane	7.512	49	28321	55.544	ug/l	98
29) Tetrahydrofuran	7.531	42	36613	291.816	ug/l	99
30) Chloroform	7.677	83	73019	55.082	ug/l	100
31) Cyclohexane	7.957	56	58571	50.102	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	60984	54.483	ug/l	99
36) 1,1-Dichloropropene	8.079	75	53862	48.914	ug/l	100
37) Ethyl Acetate	7.250	43	26435	52.631	ug/l	98
38) Carbon Tetrachloride	8.067	117	58177	49.666	ug/l	99
39) Methylcyclohexane	9.335	83	66873	48.369	ug/l	99
40) Benzene	8.323	78	155408	49.498	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	13985	52.221	ug/l	93
42) 1,2-Dichloroethane	8.396	62	48656	51.087	ug/l	100
43) Isopropyl Acetate	8.421	43	51990	52.744	ug/l	99
44) Trichloroethene	9.091	130	45872	50.075	ug/l	97
45) 1,2-Dichloropropane	9.366	63	36930	51.074	ug/l	99
46) Dibromomethane	9.457	93	23605	51.527	ug/l	99
47) Bromodichloromethane	9.646	83	55191	50.921	ug/l	96
48) Methyl methacrylate	9.433	41	22244	50.728	ug/l	98
49) 1,4-Dioxane	9.451	88	7059	1069.357	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	134069	267.136	ug/l	100
52) Toluene	10.384	92	103536	51.301	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	55671	51.732	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	61473	50.478	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	32734	53.297	ug/l	98
56) Ethyl methacrylate	10.646	69	42675	54.566	ug/l	100
57) 1,3-Dichloropropane	10.932	76	52714	50.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	101993	259.131	ug/l	100
59) 2-Hexanone	10.969	43	94967	272.012	ug/l	100
60) Dibromochloromethane	11.134	129	39816	51.422	ug/l	95
61) 1,2-Dibromoethane	11.231	107	32338	53.067	ug/l	99
64) Tetrachloroethene	10.865	164	42553	50.649	ug/l	91
65) Chlorobenzene	11.658	112	114174	50.217	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	42483	50.253	ug/l	97
67) Ethyl Benzene	11.731	91	197828	49.581	ug/l	96
68) m/p-Xylenes	11.841	106	159604	98.945	ug/l	96
69) o-Xylene	12.164	106	79047	52.259	ug/l	99
70) Styrene	12.176	104	130940	51.542	ug/l	99
71) Bromoform	12.347	173	26538	54.307	ug/l #	94
73) Isopropylbenzene	12.463	105	203955	50.232	ug/l	98
74) N-amyl acetate	12.274	43	51477	53.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	37019	52.261	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	29251m	54.794	ug/l	
77) Bromobenzene	12.743	156	52564	53.299	ug/l	93
78) n-propylbenzene	12.804	91	237876	49.742	ug/l	100
79) 2-Chlorotoluene	12.889	91	138778	50.211	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	173640	49.870	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	11643	51.304	ug/l	98
82) 4-Chlorotoluene	12.987	91	147680	50.384	ug/l	98
83) tert-Butylbenzene	13.206	119	153666	49.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	177845	51.725	ug/l	100
85) sec-Butylbenzene	13.383	105	220849	49.314	ug/l	98
86) p-Isopropyltoluene	13.493	119	198225	51.342	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	104843	52.455	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	98890	49.236	ug/l	96
89) n-Butylbenzene	13.822	91	173858	50.151	ug/l	98
90) Hexachloroethane	14.090	117	37330	51.341	ug/l	89
91) 1,2-Dichlorobenzene	13.871	146	94249	53.674	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6764	54.377	ug/l	96
93) 1,2,4-Trichlorobenzene	15.133	180	63820	51.005	ug/l	100
94) Hexachlorobutadiene	15.230	225	36084	50.852	ug/l	95
95) Naphthalene	15.365	128	122886	52.989	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	59304	53.749	ug/l	97

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

