

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020841.D
 Acq On : 10 Nov 2021 18:50
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 02:08:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:59:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	80677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	109413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	101511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	50567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35288	52.892	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.780%			
35) Dibromofluoromethane	7.884	113	34709	56.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.480%			
50) Toluene-d8	10.323	98	135581	56.653	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.300%			
62) 4-Bromofluorobenzene	12.615	95	48834	56.558	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6337	41.883	ug/l	96
3) Chloromethane	2.208	50	22193	50.871	ug/l	97
4) Vinyl Chloride	2.355	62	34705	51.326	ug/l	96
5) Bromomethane	2.763	94	20775	46.997	ug/l	93
6) Chloroethane	2.909	64	13876	46.279	ug/l	94
7) Trichlorofluoromethane	3.251	101	16523	43.367	ug/l	99
8) Diethyl Ether	3.684	74	14798	53.853	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.062	101	33440	53.984	ug/l	97
10) Methyl Iodide	4.263	142	44737	52.601	ug/l	98
11) Tert butyl alcohol	5.177	59	12288	267.842	ug/l #	83
12) 1,1-Dichloroethene	4.037	96	30989	51.703	ug/l	90
13) Acrolein	3.897	56	4300	213.191	ug/l	100
14) Allyl chloride	4.665	41	44058	49.631	ug/l	94
15) Acrylonitrile	5.366	53	41383	264.005	ug/l	99
16) Acetone	4.129	43	39197	244.868	ug/l	95
17) Carbon Disulfide	4.385	76	77553	48.547	ug/l	99
18) Methyl Acetate	4.671	43	30429	52.423	ug/l	98
19) Methyl tert-butyl Ether	5.421	73	47846	55.995	ug/l	97
20) Methylene Chloride	4.909	84	31828	51.935	ug/l	95
21) trans-1,2-Dichloroethene	5.421	96	33517	51.521	ug/l	93
22) Diisopropyl ether	6.311	45	85870	51.514	ug/l	98
23) Vinyl Acetate	6.256	43	268189	259.505	ug/l	99
24) 1,1-Dichloroethane	6.214	63	56275	51.254	ug/l	97
25) 2-Butanone	7.171	43	56302	252.591	ug/l	100
26) 2,2-Dichloropropane	7.171	77	37765	50.683	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	37055	51.825	ug/l	91
28) Bromochloromethane	7.512	49	24792	47.631	ug/l #	92
29) Tetrahydrofuran	7.531	42	35730	257.144	ug/l	97
30) Chloroform	7.677	83	59868	51.748	ug/l	100
31) Cyclohexane	7.957	56	57619	48.149	ug/l	99
32) 1,1,1-Trichloroethane	7.872	97	54759	53.273	ug/l	98
36) 1,1-Dichloropropene	8.085	75	49718	54.974	ug/l	97
37) Ethyl Acetate	7.250	43	23694	54.266	ug/l	99
38) Carbon Tetrachloride	8.067	117	52240	55.148	ug/l	91
39) Methylcyclohexane	9.335	83	63974	53.930	ug/l	96
40) Benzene	8.323	78	131031	54.130	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	13454	53.397	ug/l #	87
42) 1,2-Dichloroethane	8.396	62	39602	55.589	ug/l	98
43) Isopropyl Acetate	8.421	43	46485	55.997	ug/l	99
44) Trichloroethene	9.091	130	40995	56.904	ug/l	91
45) 1,2-Dichloropropane	9.372	63	30698	55.835	ug/l	100
46) Dibromomethane	9.457	93	19394	57.036	ug/l	99
47) Bromodichloromethane	9.646	83	45149	55.564	ug/l	96
48) Methyl methacrylate	9.439	41	21719	54.804	ug/l	97
49) 1,4-Dioxane	9.451	88	5781	1123.266	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	126723	287.449	ug/l	99
52) Toluene	10.390	92	87340	55.076	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	45928	54.940	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	50704	54.507	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	25940	57.458	ug/l	96
56) Ethyl methacrylate	10.646	69	35734	57.359	ug/l	95
57) 1,3-Dichloropropane	10.932	76	43528	57.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.920	63	95402	272.559	ug/l	95
59) 2-Hexanone	10.969	43	91151	281.700	ug/l	100
60) Dibromochloromethane	11.127	129	33524	56.513	ug/l	100
61) 1,2-Dibromoethane	11.237	107	26945	57.766	ug/l	99
64) Tetrachloroethene	10.865	164	36902	56.178	ug/l	87
65) Chlorobenzene	11.658	112	92367	52.033	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	35391	54.955	ug/l	99
67) Ethyl Benzene	11.731	91	172884	52.982	ug/l	97
68) m/p-Xylenes	11.841	106	138913	107.662	ug/l	94
69) o-Xylene	12.164	106	65268	54.507	ug/l	90
70) Styrene	12.182	104	104908	52.456	ug/l	98
71) Bromoform	12.353	173	22203	53.341	ug/l #	96
73) Isopropylbenzene	12.463	105	179242	56.822	ug/l	97
74) N-amyl acetate	12.267	43	44784	59.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	33552	59.585	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	22409m	57.636	ug/l	
77) Bromobenzene	12.743	156	42320	57.898	ug/l	94
78) n-propylbenzene	12.804	91	216588	56.517	ug/l	98
79) 2-Chlorotoluene	12.889	91	119356	56.783	ug/l	96
80) 1,3,5-Trimethylbenzene	12.938	105	152842	58.159	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.511	75	11417	57.802	ug/l	96
82) 4-Chlorotoluene	12.987	91	124932	57.435	ug/l	99
83) tert-Butylbenzene	13.206	119	139449	56.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	149480	57.874	ug/l	99
85) sec-Butylbenzene	13.383	105	203805	57.783	ug/l	96
86) p-Isopropyltoluene	13.499	119	170956	56.555	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	83239	56.310	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	80704	55.269	ug/l	98
89) n-Butylbenzene	13.822	91	163369	58.054	ug/l	99
90) Hexachloroethane	14.090	117	33247	57.203	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	73908	59.125	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.480	75	6599	58.408	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	51853	54.453	ug/l	95
94) Hexachlorobutadiene	15.230	225	32569	54.259	ug/l	93
95) Naphthalene	15.358	128	110197	59.158	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	47567	57.831	ug/l	96

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

