

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020857.D
 Acq On : 12 Nov 2021 16:31
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala
 Arumugam

11/15/2021
 Supervised By :Mahesh
 Dadoda

Quant Time: Nov 15 00:08:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	100739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	155004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	140108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	72429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	45278	54.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.700%	
35) Dibromofluoromethane	7.890	113	44710	51.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.180%	
50) Toluene-d8	10.323	98	174619	51.504	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.615	95	63301	51.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	8659	45.833	ug/l	97
3) Chloromethane	2.214	50	26832	49.256	ug/l	98
4) Vinyl Chloride	2.361	62	37834	44.810	ug/l	97
5) Bromomethane	2.775	94	24088	43.564	ug/l	98
6) Chloroethane	2.916	64	18636	49.777	ug/l	98
7) Trichlorofluoromethane	3.257	101	25391	52.866	ug/l	88
8) Diethyl Ether	3.684	74	20928	60.994	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.068	101	39083	50.528	ug/l	96
10) Methyl Iodide	4.269	142	65540	61.715	ug/l	98
11) Tert butyl alcohol	5.183	59	16015	279.561	ug/l #	88
12) 1,1-Dichloroethene	4.037	96	41348	55.247	ug/l	97
13) Acrolein	3.897	56	624	24.776	ug/l	89
14) Allyl chloride	4.665	41	65078	58.711	ug/l	94
15) Acrylonitrile	5.372	53	44175	225.693	ug/l	100
16) Acetone	4.129	43	52822	264.001	ug/l	98
17) Carbon Disulfide	4.379	76	101266	50.767	ug/l	98
18) Methyl Acetate	4.671	43	31997	44.146	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	72516	67.966	ug/l	96
20) Methylene Chloride	4.915	84	41989	55.040	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	45582	56.114	ug/l	92
22) Diisopropyl ether	6.311	45	130519	62.706	ug/l	98
23) Vinyl Acetate	6.256	43	358206	277.581	ug/l	98
24) 1,1-Dichloroethane	6.214	63	78863	57.522	ug/l	98
25) 2-Butanone	7.177	43	66778	239.927	ug/l	97
26) 2,2-Dichloropropane	7.165	77	58439	62.810	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	51504	57.688	ug/l	93
28) Bromochloromethane	7.512	49	34398	52.926	ug/l #	91
29) Tetrahydrofuran	7.531	42	38307	220.787	ug/l	98
30) Chloroform	7.677	83	84580	58.549	ug/l	95
31) Cyclohexane	7.957	56	74134	49.612	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	74409	57.973	ug/l	96
36) 1,1-Dichloropropene	8.085	75	65140	50.842	ug/l	97
37) Ethyl Acetate	7.256	43	27240	44.038	ug/l	100
38) Carbon Tetrachloride	8.067	117	67985	50.660	ug/l	92
39) Methylcyclohexane	9.335	83	84773	50.444	ug/l	97
40) Benzene	8.323	78	177224	51.679	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	16689	46.755	ug/l	96
42) 1,2-Dichloroethane	8.402	62	54157	53.660	ug/l	99
43) Isopropyl Acetate	8.421	43	56152	47.747	ug/l	98
44) Trichloroethene	9.091	130	54204	53.109	ug/l	93
45) 1,2-Dichloropropane	9.366	63	42955	55.148	ug/l	99
46) Dibromomethane	9.457	93	25456	52.844	ug/l	95
47) Bromodichloromethane	9.646	83	63294	54.983	ug/l	96
48) Methyl methacrylate	9.433	41	26413	47.045	ug/l	99
49) 1,4-Dioxane	9.457	88	7112	975.433	ug/l #	73
51) 4-Methyl-2-Pentanone	10.207	43	141928	227.248	ug/l	100
52) Toluene	10.390	92	119890	53.365	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	64870	54.774	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	73471	55.751	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	34156	53.404	ug/l	98
56) Ethyl methacrylate	10.646	69	45341	51.374	ug/l	97
57) 1,3-Dichloropropane	10.932	76	58279	53.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.926	63	119664	241.320	ug/l	95
59) 2-Hexanone	10.969	43	103878	226.608	ug/l	100
60) Dibromochloromethane	11.127	129	46062	54.810	ug/l	99
61) 1,2-Dibromoethane	11.231	107	34756	52.596	ug/l	100
64) Tetrachloroethene	10.865	164	47459	52.346	ug/l	92
65) Chlorobenzene	11.658	112	132359	54.022	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.725	131	50709	57.050	ug/l	97
67) Ethyl Benzene	11.731	91	236296	52.466	ug/l	95
68) m/p-Xylenes	11.841	106	187189	105.111	ug/l	94
69) o-Xylene	12.164	106	91325	55.258	ug/l	90
70) Styrene	12.176	104	148903	53.944	ug/l	98
71) Bromoform	12.347	173	30227	52.613	ug/l #	96
73) Isopropylbenzene	12.463	105	243716	53.941	ug/l	97
74) N-amyl acetate	12.274	43	57725	53.504	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	39313	48.743	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	30836m	55.371	ug/l	
77) Bromobenzene	12.743	156	58694	56.061	ug/l	91
78) n-propylbenzene	12.804	91	290113	52.852	ug/l	98
79) 2-Chlorotoluene	12.889	91	164326	54.580	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	206282	54.801	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.511	75	13745	48.584	ug/l	96
82) 4-Chlorotoluene	12.987	91	172642	55.412	ug/l	97
83) tert-Butylbenzene	13.200	119	189614	53.651	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	204614	55.308	ug/l	96
85) sec-Butylbenzene	13.383	105	273498	54.137	ug/l	97
86) p-Isopropyltoluene	13.499	119	238855	55.166	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	118474	55.955	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	116025	55.475	ug/l	98
89) n-Butylbenzene	13.822	91	217623	53.991	ug/l	99
90) Hexachloroethane	14.090	117	44846	53.870	ug/l	96
91) 1,2-Dichlorobenzene	13.865	146	101803	56.859	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6999	43.250	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	75089	55.053	ug/l	97
94) Hexachlorobutadiene	15.236	225	43711	50.841	ug/l	93
95) Naphthalene	15.365	128	125111	46.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.547	180	63183	53.630	ug/l	96

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

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