

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW020001.D
 Acq On : 08 Sep 2021 14:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:50:16 AM

Quant Time: Sep 09 04:09:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 12:18:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	200800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	323175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	295141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	154100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	109175	46.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.660%		
35) Dibromofluoromethane	7.891	113	98824	46.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.120%		
50) Toluene-d8	10.323	98	380111	48.181	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.360%		
62) 4-Bromofluorobenzene	12.621	95	149654	51.268	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	53499	43.872	ug/l	100
3) Chloromethane	2.221	50	88255	48.620	ug/l	98
4) Vinyl Chloride	2.373	62	151814	51.580	ug/l	98
5) Bromomethane	2.782	94	116393	48.778	ug/l	97
6) Chloroethane	2.928	64	101322	49.974	ug/l	100
7) Trichlorofluoromethane	3.270	101	89049	52.880	ug/l	94
8) Diethyl Ether	3.690	74	54920	53.259	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	111791	50.843	ug/l	100
10) Methyl Iodide	4.275	142	158418	52.609	ug/l	99
11) Tert butyl alcohol	5.172	59	28851	258.578	ug/l	100
12) 1,1-Dichloroethene	4.050	96	109512	52.857	ug/l	92
13) Acrolein	3.904	56	16052	188.806	ug/l	96
14) Allyl chloride	4.672	41	149613	53.094	ug/l	100
15) Acrylonitrile	5.373	53	116215	270.454	ug/l	100
16) Acetone	4.129	43	91003	243.059	ug/l	97
17) Carbon Disulfide	4.391	76	322025	51.076	ug/l	98
18) Methyl Acetate	4.678	43	54766	51.524	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	149976	54.865	ug/l	98
20) Methylene Chloride	4.928	84	125755	53.557	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	123709	52.570	ug/l	99
22) Diisopropyl ether	6.318	45	316380	52.986	ug/l	96
23) Vinyl Acetate	6.257	43	892630	244.440	ug/l	99
24) 1,1-Dichloroethane	6.220	63	217206	51.370	ug/l	97
25) 2-Butanone	7.177	43	141918	264.386	ug/l	97
26) 2,2-Dichloropropane	7.171	77	127322	49.798	ug/l	100
27) cis-1,2-Dichloroethene	7.177	96	135950	54.096	ug/l	99
28) Bromochloromethane	7.519	49	84058	50.087	ug/l	99
29) Tetrahydrofuran	7.531	42	92957	278.352	ug/l	99
30) Chloroform	7.683	83	223755	50.221	ug/l	96
31) Cyclohexane	7.964	56	192703	50.710	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	184603	51.204	ug/l	99
36) 1,1-Dichloropropene	8.086	75	178911	52.626	ug/l	100
37) Ethyl Acetate	7.257	43	66994	53.598	ug/l	98
38) Carbon Tetrachloride	8.074	117	176124	50.806	ug/l	99
39) Methylcyclohexane	9.335	83	219577	55.730	ug/l	97
40) Benzene	8.330	78	487132	52.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	38300	55.356	ug/l	96
42) 1,2-Dichloroethane	8.403	62	146362	50.900	ug/l	100
43) Isopropyl Acetate	8.427	43	126849	53.472	ug/l	99
44) Trichloroethene	9.092	130	129897	52.863	ug/l	94
45) 1,2-Dichloropropane	9.372	63	117596	51.643	ug/l	96
46) Dibromomethane	9.464	93	64763	50.415	ug/l	99
47) Bromodichloromethane	9.646	83	163949	51.227	ug/l	100
48) Methyl methacrylate	9.439	41	60005	50.499	ug/l	94
49) 1,4-Dioxane	9.457	88	17385	956.859	ug/l #	100
51) 4-Methyl-2-Pentanone	10.213	43	336898	273.893	ug/l	100
52) Toluene	10.390	92	315925	53.287	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	162723	53.001	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	185914	52.014	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	89653	51.497	ug/l	100
56) Ethyl methacrylate	10.646	69	110296	48.919	ug/l	100
57) 1,3-Dichloropropane	10.933	76	155615	52.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	224956	253.053	ug/l	99
59) 2-Hexanone	10.969	43	230514	280.425	ug/l	99
60) Dibromochloromethane	11.128	129	104792	51.995	ug/l	98
61) 1,2-Dibromoethane	11.238	107	84381	51.764	ug/l	99
64) Tetrachloroethene	10.866	164	107972	52.723	ug/l	97
65) Chlorobenzene	11.658	112	330659	52.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	118268	52.314	ug/l	98
67) Ethyl Benzene	11.731	91	629874	56.282	ug/l	98
68) m/p-Xylenes	11.841	106	497920	112.735	ug/l	97
69) o-Xylene	12.164	106	225483	50.809	ug/l	98
70) Styrene	12.183	104	391800	51.644	ug/l	99
71) Bromoform	12.347	173	60010	53.914	ug/l #	99
73) Isopropylbenzene	12.463	105	638542	52.480	ug/l	100
74) N-amyl acetate	12.274	43	129751	50.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	105170	52.525	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	71984m	50.288	ug/l	
77) Bromobenzene	12.750	156	135566	53.598	ug/l	98
78) n-propylbenzene	12.804	91	789849	52.556	ug/l	98
79) 2-Chlorotoluene	12.890	91	449355	56.228	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	557231	53.083	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	31992	48.395	ug/l	97
82) 4-Chlorotoluene	12.987	91	472978	56.296	ug/l	99
83) tert-Butylbenzene	13.207	119	477004	53.357	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	550185	53.404	ug/l	96
85) sec-Butylbenzene	13.384	105	724306	54.350	ug/l	99
86) p-Isopropyltoluene	13.499	119	615282	54.341	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	290604	54.188	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	284325	53.420	ug/l	98
89) n-Butylbenzene	13.823	91	584217	54.000	ug/l	99
90) Hexachloroethane	14.091	117	106152	53.973	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	251420	53.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	18098	55.086	ug/l	97
93) 1,2,4-Trichlorobenzene	15.133	180	156859	55.230	ug/l	98
94) Hexachlorobutadiene	15.237	225	91490	54.239	ug/l	92
95) Naphthalene	15.365	128	291128	52.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	133937	53.803	ug/l	97

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

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