

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019255.D
 Acq On : 21 Jun 2021 19:02
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:11:27 PM

Quant Time: Jun 22 03:14:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	468234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	779136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	715400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	354201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	279941	49.286	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.580%	
35) Dibromofluoromethane	7.891	113	244680	49.304	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.600%	
50) Toluene-d8	10.323	98	1003824	50.529	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.060%	
62) 4-Bromofluorobenzene	12.615	95	374647	53.921	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	155424	46.797	ug/l	99
3) Chloromethane	2.215	50	156461	39.840	ug/l	98
4) Vinyl Chloride	2.367	62	254396	42.349	ug/l	97
5) Bromomethane	2.788	94	187681	39.916	ug/l	100
6) Chloroethane	2.928	64	160232	40.158	ug/l	99
7) Trichlorofluoromethane	3.263	101	144824	42.520	ug/l	98
8) Diethyl Ether	3.684	74	124155	47.834	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.074	101	224253	45.566	ug/l	99
10) Methyl Iodide	4.276	142	322380	48.951	ug/l	98
11) Tert butyl alcohol	5.208	59	64237	241.351	ug/l #	84
12) 1,1-Dichloroethene	4.050	96	233782	46.202	ug/l	89
13) Acrolein	3.904	56	63181	211.272	ug/l	98
14) Allyl chloride	4.672	41	303444	44.677	ug/l	99
15) Acrylonitrile	5.373	53	238334	224.139	ug/l	98
16) Acetone	4.135	43	166620	182.771	ug/l	96
17) Carbon Disulfide	4.391	76	651651	43.636	ug/l	99
18) Methyl Acetate	4.678	43	100253	43.227	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	335986	48.982	ug/l	97
20) Methylene Chloride	4.922	84	265643	47.392	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	264172	46.909	ug/l	99
22) Diisopropyl ether	6.312	45	671391	45.501	ug/l	98
23) Vinyl Acetate	6.257	43	2082257	232.497	ug/l	99
24) 1,1-Dichloroethane	6.220	63	469840	45.177	ug/l	99
25) 2-Butanone	7.177	43	286267	212.916	ug/l	100
26) 2,2-Dichloropropane	7.171	77	245498	43.092	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	293950	48.093	ug/l	99
28) Bromochloromethane	7.513	49	178404	43.337	ug/l	100
29) Tetrahydrofuran	7.537	42	184291	221.303	ug/l	99
30) Chloroform	7.677	83	480653	46.081	ug/l	98
31) Cyclohexane	7.958	56	405167	41.952	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	370545	47.169	ug/l	99
36) 1,1-Dichloropropene	8.086	75	377668	45.802	ug/l	100
37) Ethyl Acetate	7.257	43	141347	45.853	ug/l	99
38) Carbon Tetrachloride	8.074	117	342767	47.551	ug/l	99
39) Methylcyclohexane	9.336	83	472155	48.277	ug/l	98
40) Benzene	8.324	78	1045954	46.301	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	79553	46.123	ug/l	94
42) 1,2-Dichloroethane	8.403	62	314207	46.813	ug/l	99
43) Isopropyl Acetate	8.427	43	279318	47.477	ug/l	99
44) Trichloroethene	9.092	130	276089	49.109	ug/l	97
45) 1,2-Dichloropropane	9.372	63	254300	45.869	ug/l	97
46) Dibromomethane	9.457	93	138895	47.693	ug/l	99
47) Bromodichloromethane	9.646	83	349047	47.413	ug/l	97
48) Methyl methacrylate	9.439	41	126121	47.630	ug/l	96
49) 1,4-Dioxane	9.470	88	37165	988.764	ug/l #	84
51) 4-Methyl-2-Pentanone	10.213	43	694769	233.096	ug/l	99
52) Toluene	10.390	92	669406	47.620	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	351544	47.901	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	411642	48.115	ug/l	98
55) 1,1,2-Trichloroethane	10.787	97	187893	46.819	ug/l	98
56) Ethyl methacrylate	10.646	69	260881	51.326	ug/l	99
57) 1,3-Dichloropropane	10.933	76	337029	46.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	567673	238.201	ug/l	98
59) 2-Hexanone	10.969	43	465837	230.748	ug/l	98
60) Dibromochloromethane	11.128	129	218042	50.216	ug/l	99
61) 1,2-Dibromoethane	11.238	107	184576	49.133	ug/l	98
64) Tetrachloroethene	10.866	164	218603	48.068	ug/l	91
65) Chlorobenzene	11.658	112	696962	47.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	242023	48.671	ug/l	99
67) Ethyl Benzene	11.731	91	1321822	48.143	ug/l	99
68) m/p-Xylenes	11.841	106	1021447	99.653	ug/l	100
69) o-Xylene	12.164	106	483224	50.299	ug/l	99
70) Styrene	12.183	104	815792	50.360	ug/l	99
71) Bromoform	12.347	173	115260	47.793	ug/l	98
73) Isopropylbenzene	12.463	105	1307592	49.636	ug/l	100
74) N-amyl acetate	12.274	43	273988	49.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	216994	45.283	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	179224m	51.650	ug/l	
77) Bromobenzene	12.743	156	278273	49.071	ug/l	96
78) n-propylbenzene	12.804	91	1602811	48.258	ug/l	100
79) 2-Chlorotoluene	12.890	91	920974	48.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.945	105	1112249	49.797	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	65291	45.646	ug/l	99
82) 4-Chlorotoluene	12.987	91	969101	48.836	ug/l	100
83) tert-Butylbenzene	13.207	119	958640	50.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	1096392	49.443	ug/l	100
85) sec-Butylbenzene	13.384	105	1451663	49.492	ug/l	99
86) p-Isopropyltoluene	13.493	119	1193778	50.017	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	571379	47.621	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	572577	48.285	ug/l	99
89) n-Butylbenzene	13.823	91	1169531	48.717	ug/l	98
90) Hexachloroethane	14.091	117	208586	48.216	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	513194	49.041	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	37160	48.589	ug/l	95
93) 1,2,4-Trichlorobenzene	15.133	180	331728	49.670	ug/l	97
94) Hexachlorobutadiene	15.231	225	194027	49.267	ug/l	95
95) Naphthalene	15.365	128	644781	52.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	285260	49.414	ug/l	97

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

