

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019244.D
 Acq On : 21 Jun 2021 11:25
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:11:14 PM

Quant Time: Jun 21 11:47:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 11:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	374300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	633562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	582574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	287321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	440719	94.608	ug/l	0.00
Spiked Amount	50.000		Recovery	= 189.220%		
35) Dibromofluoromethane	7.890	113	390596	91.859	ug/l	0.00
Spiked Amount	50.000		Recovery	= 183.720%		
50) Toluene-d8	10.323	98	1593912	91.660	ug/l	0.00
Spiked Amount	50.000		Recovery	= 183.320%		
62) 4-Bromofluorobenzene	12.615	95	587037	96.218	ug/l	0.00
Spiked Amount	50.000		Recovery	= 192.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	283526	108.195	ug/l	98
3) Chloromethane	2.221	50	325802	110.908	ug/l	100
4) Vinyl Chloride	2.367	62	490274	107.596	ug/l	99
5) Bromomethane	2.782	94	391793	107.364	ug/l	98
6) Chloroethane	2.928	64	328478	108.902	ug/l	99
7) Trichlorofluoromethane	3.263	101	284264	108.062	ug/l	100
8) Diethyl Ether	3.684	74	211293	102.603	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	397539	100.480	ug/l	98
10) Methyl Iodide	4.287	142	550828	99.008	ug/l	98
11) Tert butyl alcohol	5.196	59	105936	465.543	ug/l	98
12) 1,1-Dichloroethene	4.050	96	422321	102.760	ug/l	92
13) Acrolein	3.897	56	110851	396.851	ug/l	99
14) Allyl chloride	4.671	41	556547	101.281	ug/l	99
15) Acrylonitrile	5.373	53	433211	561.794	ug/l	99
16) Acetone	4.135	43	353216	489.886	ug/l	97
17) Carbon Disulfide	4.391	76	1244650	110.149	ug/l	100
18) Methyl Acetate	4.671	43	181575	94.447	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	558760	110.092	ug/l	98
20) Methylene Chloride	4.928	84	443947	85.037	ug/l	95
21) trans-1,2-Dichloroethene	5.427	96	464572	101.424	ug/l	95
22) Diisopropyl ether	6.311	45	1208649	111.732	ug/l	99
23) Vinyl Acetate	6.257	43	3802399	540.908	ug/l	99
24) 1,1-Dichloroethane	6.220	63	842292	101.851	ug/l	99
25) 2-Butanone	7.177	43	544244	514.139	ug/l	99
26) 2,2-Dichloropropane	7.171	77	442866	94.410	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	507277	100.803	ug/l	98
28) Bromochloromethane	7.519	49	315356	95.479	ug/l	96
29) Tetrahydrofuran	7.537	42	341005	562.452	ug/l	98
30) Chloroform	7.677	83	846487	101.734	ug/l	97
31) Cyclohexane	7.957	56	730221	101.846	ug/l	96
32) 1,1,1-Trichloroethane	7.878	97	632522	99.018	ug/l	99
36) 1,1-Dichloropropene	8.085	75	681410	97.857	ug/l	99
37) Ethyl Acetate	7.256	43	249708	99.554	ug/l	99
38) Carbon Tetrachloride	8.073	117	610240	99.172	ug/l	98
39) Methylcyclohexane	9.341	83	838089	106.873	ug/l	97
40) Benzene	8.323	78	1863140	98.186	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	146995	100.411	ug/l	92
42) 1,2-Dichloroethane	8.402	62	544875	97.480	ug/l	100
43) Isopropyl Acetate	8.427	43	491707	101.972	ug/l	99
44) Trichloroethene	9.098	130	474422	96.035	ug/l	98
45) 1,2-Dichloropropane	9.372	63	455258	98.692	ug/l	97
46) Dibromomethane	9.463	93	241373	100.874	ug/l	98
47) Bromodichloromethane	9.646	83	630297	102.169	ug/l	94
48) Methyl methacrylate	9.439	41	241444	106.307	ug/l	91
49) 1,4-Dioxane	9.463	88	62206	2135.583	ug/l #	83
51) 4-Methyl-2-Pentanone	10.213	43	1242400	505.931	ug/l	99
52) Toluene	10.390	92	1202160	99.692	ug/l	100
53) t-1,3-Dichloropropene	10.609	75	646685	105.674	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	749027	103.279	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	329673	97.688	ug/l	96
56) Ethyl methacrylate	10.646	69	452929	107.104	ug/l	99
57) 1,3-Dichloropropane	10.933	76	600217	99.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	991807	464.569	ug/l	99
59) 2-Hexanone	10.969	43	858417	519.265	ug/l	100
60) Dibromochloromethane	11.128	129	385943	102.868	ug/l	98
61) 1,2-Dibromoethane	11.237	107	315542	99.613	ug/l	99
64) Tetrachloroethene	10.865	164	389604	95.922	ug/l	89
65) Chlorobenzene	11.658	112	1227737	96.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	430796	100.021	ug/l	100
67) Ethyl Benzene	11.731	91	2352200	97.955	ug/l	99
68) m/p-Xylenes	11.841	106	1770397	200.631	ug/l	99
69) o-Xylene	12.164	106	847334	101.402	ug/l	99
70) Styrene	12.182	104	1446649	104.063	ug/l	99
71) Bromoform	12.353	173	220257	105.599	ug/l	98
73) Isopropylbenzene	12.463	105	2248502	97.592	ug/l	100
74) N-amyl acetate	12.274	43	490386	106.554	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	390373	99.452	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	274965m	101.655	ug/l	
77) Bromobenzene	12.749	156	480806	97.774	ug/l	95
78) n-propylbenzene	12.804	91	2801369	98.059	ug/l	99
79) 2-Chlorotoluene	12.890	91	1607980	99.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	1942642	100.247	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	130823	109.658	ug/l	96
82) 4-Chlorotoluene	12.987	91	1652834	97.191	ug/l	100
83) tert-Butylbenzene	13.207	119	1652261	100.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	1889923	97.767	ug/l	99
85) sec-Butylbenzene	13.383	105	2466911	98.918	ug/l	100
86) p-Isopropyltoluene	13.499	119	2059042	98.143	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	1001822	98.259	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	963125	95.964	ug/l	99
89) n-Butylbenzene	13.822	91	2005840	95.253	ug/l	98
90) Hexachloroethane	14.091	117	374990	111.065	ug/l	89
91) 1,2-Dichlorobenzene	13.871	146	881278	99.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	64685	104.089	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	540217	88.538	ug/l	96
94) Hexachlorobutadiene	15.231	225	316602	91.812	ug/l	96
95) Naphthalene	15.365	128	1062139	99.351	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	474314	91.815	ug/l	96

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

