

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019243.D
 Acq On : 21 Jun 2021 11:01
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 6/22/2021 6:11:12 PM

Quant Time: Jun 21 11:32:25 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	369124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	601802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	562232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	279452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	226278	49.255	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.520%	
35) Dibromofluoromethane	7.884	113	199669	49.436	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.880%	
50) Toluene-d8	10.323	98	830004	50.249	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.500%	
62) 4-Bromofluorobenzene	12.615	95	285805	49.317	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	126189	48.830	ug/l	96
3) Chloromethane	2.221	50	141130	48.716	ug/l	97
4) Vinyl Chloride	2.373	62	225351	50.149	ug/l	98
5) Bromomethane	2.782	94	160752	44.669	ug/l	98
6) Chloroethane	2.928	64	142394	47.871	ug/l	99
7) Trichlorofluoromethane	3.263	101	127259	49.056	ug/l	96
8) Diethyl Ether	3.690	74	94561	46.562	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	184301	47.236	ug/l	96
10) Methyl Iodide	4.281	142	243143	44.316	ug/l	97
11) Tert butyl alcohol	5.172	59	53007	236.209	ug/l	98
12) 1,1-Dichloroethene	4.050	96	188825	46.589	ug/l	88
13) Acrolein	3.897	56	56233	204.139	ug/l	96
14) Allyl chloride	4.672	41	253669	46.810	ug/l	98
15) Acrylonitrile	5.373	53	196931	258.964	ug/l	99
16) Acetone	4.129	43	173305	243.732	ug/l	96
17) Carbon Disulfide	4.397	76	568839	51.047	ug/l	100
18) Methyl Acetate	4.672	43	84648	44.648	ug/l	98
19) Methyl tert-butyl Ether	5.434	73	253791	50.705	ug/l	98
20) Methylene Chloride	4.928	84	214845	41.730	ug/l	94
21) trans-1,2-Dichloroethene	5.428	96	208172	46.085	ug/l	96
22) Diisopropyl ether	6.318	45	546066	51.188	ug/l	98
23) Vinyl Acetate	6.257	43	1684325	242.962	ug/l	98
24) 1,1-Dichloroethane	6.220	63	382855	46.944	ug/l	99
25) 2-Butanone	7.177	43	253457	242.795	ug/l	98
26) 2,2-Dichloropropane	7.171	77	204103	44.121	ug/l	99
27) cis-1,2-Dichloroethene	7.177	96	229872	46.319	ug/l	98
28) Bromochloromethane	7.519	49	156487	48.043	ug/l	94
29) Tetrahydrofuran	7.531	42	155376	259.870	ug/l	97
30) Chloroform	7.683	83	380923	46.423	ug/l	96
31) Cyclohexane	7.958	56	347432	49.137	ug/l	99
32) 1,1,1-Trichloroethane	7.878	97	293435	46.580	ug/l	98
36) 1,1-Dichloropropene	8.086	75	311334	47.070	ug/l	98
37) Ethyl Acetate	7.256	43	112751	47.324	ug/l	97
38) Carbon Tetrachloride	8.073	117	271007	46.367	ug/l	96
39) Methylcyclohexane	9.335	83	379756	50.982	ug/l	99
40) Benzene	8.329	78	846854	46.984	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	65749	47.283	ug/l	91
42) 1,2-Dichloroethane	8.403	62	247402	46.597	ug/l	99
43) Isopropyl Acetate	8.427	43	217064	47.391	ug/l	99
44) Trichloroethene	9.092	130	210194	44.794	ug/l	97
45) 1,2-Dichloropropane	9.372	63	208653	47.620	ug/l	99
46) Dibromomethane	9.463	93	108893	47.910	ug/l	96
47) Bromodichloromethane	9.646	83	278980	47.608	ug/l	97
48) Methyl methacrylate	9.439	41	105004	48.673	ug/l	90
49) 1,4-Dioxane	9.451	88	30613	1106.434	ug/l	96
51) 4-Methyl-2-Pentanone	10.213	43	558033	239.235	ug/l	98
52) Toluene	10.390	92	533970	46.618	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	280189	48.202	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	330030	47.907	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	147484	46.008	ug/l	97
56) Ethyl methacrylate	10.646	69	195368	48.637	ug/l	99
57) 1,3-Dichloropropane	10.933	76	269362	46.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	479393	236.402	ug/l	98
59) 2-Hexanone	10.969	43	387275	246.630	ug/l	99
60) Dibromochloromethane	11.128	129	162056	45.473	ug/l	97
61) 1,2-Dibromoethane	11.237	107	140913	46.832	ug/l	99
64) Tetrachloroethene	10.866	164	167378	42.700	ug/l	93
65) Chlorobenzene	11.658	112	549225	44.848	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	187228	45.043	ug/l	100
67) Ethyl Benzene	11.731	91	1052648	45.422	ug/l	100
68) m/p-Xylenes	11.841	106	783384	91.990	ug/l	96
69) o-Xylene	12.164	106	374212	46.403	ug/l	100
70) Styrene	12.182	104	632032	47.109	ug/l	99
71) Bromoform	12.353	173	92730	46.067	ug/l #	96
73) Isopropylbenzene	12.463	105	1014363	45.266	ug/l	100
74) N-amyl acetate	12.274	43	206401	46.111	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	174041	45.587	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	121328m	46.118	ug/l	
77) Bromobenzene	12.749	156	214876	44.927	ug/l	95
78) n-propylbenzene	12.804	91	1282887	46.171	ug/l	99
79) 2-Chlorotoluene	12.890	91	726049	46.241	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	869166	46.115	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	56140	48.382	ug/l	97
82) 4-Chlorotoluene	12.987	91	771510	46.644	ug/l	100
83) tert-Butylbenzene	13.207	119	741866	46.199	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	873149	46.440	ug/l	99
85) sec-Butylbenzene	13.383	105	1145829	47.239	ug/l	99
86) p-Isopropyltoluene	13.499	119	934156	45.780	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	450193	45.398	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	451324	46.235	ug/l	99
89) n-Butylbenzene	13.822	91	937675	45.782	ug/l	99
90) Hexachloroethane	14.091	117	164552	50.109	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	398614	46.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	28177	46.618	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	265985	44.821	ug/l	96
94) Hexachlorobutadiene	15.231	225	155817	46.458	ug/l	93
95) Naphthalene	15.365	128	484450	46.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	229107	45.598	ug/l	98

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

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