

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016185.D
 Acq On : 14 Aug 2020 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

MMDadoda
 8/17/2020 5:46:28 PM

Quant Time: Aug 14 11:44:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	186875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139583	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.89	113	142145	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
50) Toluene-d8	10.32	98	558691	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
62) 4-Bromofluorobenzene	12.62	95	200111	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82821	56.485	ug/l	100
3) Chloromethane	2.21	50	87735	45.192	ug/l	100
4) Vinyl Chloride	2.37	62	127789	43.381	ug/l	100
5) Bromomethane	2.79	94	79326	35.918	ug/l	100
6) Chloroethane	2.93	64	73153	37.627	ug/l	100
7) Trichlorofluoromethane	3.26	101	104091	48.741	ug/l	100
8) Diethyl Ether	3.68	74	68001	50.262	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135571	52.916	ug/l	100
10) Methyl Iodide	4.26	142	198942	55.261	ug/l	100
11) Tert butyl alcohol	5.23	59	35995	233.738	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139089	54.800	ug/l	100
13) Acrolein	3.90	56	50562	259.429	ug/l	100
14) Allyl chloride	4.67	41	191248	47.948	ug/l	100
15) Acrylonitrile	5.38	53	138747	263.779	ug/l	100
16) Acetone	4.15	43	142346	272.679	ug/l	100
17) Carbon Disulfide	4.38	76	410450	54.554	ug/l	100
18) Methyl Acetate	4.68	43	58881	49.474	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	192337	51.990	ug/l	100
20) Methylene Chloride	4.92	84	154751	49.993	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	155164	53.197	ug/l	100
22) Diisopropyl ether	6.32	45	374663	46.937	ug/l	100
23) Vinyl Acetate	6.26	43	1141251	240.523	ug/l	100
24) 1,1-Dichloroethane	6.22	63	247154	48.300	ug/l	100
25) 2-Butanone	7.18	43	182773	259.095	ug/l	100
26) 2,2-Dichloropropane	7.17	77	155055	48.211	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	159849	51.592	ug/l	100
28) Bromochloromethane	7.51	49	103366	50.173	ug/l	100
29) Tetrahydrofuran	7.54	42	109949	256.695	ug/l	100
30) Chloroform	7.68	83	256412	48.900	ug/l	100
31) Cyclohexane	7.96	56	222947	46.173	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	216966	49.338	ug/l	100
36) 1,1-Dichloropropene	8.09	75	207218	48.282	ug/l	100
37) Ethyl Acetate	7.26	43	79099	47.558	ug/l	100
38) Carbon Tetrachloride	8.07	117	204239	48.944	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257991	50.725	ug/l	100
40) Benzene	8.33	78	579932	49.091	ug/l	100
41) Methacrylonitrile	7.49	41	45591	48.345	ug/l	100
42) 1,2-Dichloroethane	8.40	62	158437	44.072	ug/l	100
43) Isopropyl Acetate	8.43	43	147168	45.839	ug/l	100
44) Trichloroethene	9.09	130	161082	51.161	ug/l	100
45) 1,2-Dichloropropane	9.37	63	139073	48.122	ug/l	100
46) Dibromomethane	9.46	93	75368	50.346	ug/l	100
47) Bromodichloromethane	9.65	83	188923	49.081	ug/l	100
48) Methyl methacrylate	9.44	41	70156	47.818	ug/l	100
49) 1,4-Dioxane	9.48	88	21518	1146.870	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	380037	241.601	ug/l	100
52) Toluene	10.39	92	382709	50.253	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	185457	50.358	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	226317	51.036	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	105750	50.904	ug/l	100
56) Ethyl methacrylate	10.65	69	136580	53.486	ug/l	100
57) 1,3-Dichloropropane	10.93	76	184422	50.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	298768	242.222	ug/l	100
59) 2-Hexanone	10.97	43	269898	256.447	ug/l	100
60) Dibromochloromethane	11.13	129	128562	53.133	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105115	52.369	ug/l	100
64) Tetrachloroethene	10.87	164	125562	48.982	ug/l	100
65) Chlorobenzene	11.66	112	386465	48.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	139893	50.069	ug/l	100
67) Ethyl Benzene	11.73	91	729091	49.822	ug/l	100
68) m/p-Xylenes	11.84	106	553239	100.642	ug/l	100
69) o-Xylene	12.17	106	253648	50.641	ug/l	100
70) Styrene	12.18	104	443012	51.355	ug/l	100
71) Bromoform	12.35	173	66586	52.345	ug/l #	100
73) Isopropylbenzene	12.47	105	703956	53.064	ug/l	100
74) N-amyl acetate	12.27	43	136129	49.009	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	121744	54.840	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	86357m	52.199	ug/l	
77) Bromobenzene	12.75	156	150583	50.748	ug/l	100
78) n-propylbenzene	12.80	91	835716	52.088	ug/l	100
79) 2-Chlorotoluene	12.90	91	477353	52.103	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	602643	53.190	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	38481	58.577	ug/l	100
82) 4-Chlorotoluene	12.99	91	500416	52.217	ug/l	100
83) tert-Butylbenzene	13.21	119	505420	53.843	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	606067	53.576	ug/l	100
85) sec-Butylbenzene	13.38	105	721874	53.209	ug/l	100
86) p-Isopropyltoluene	13.50	119	658519	53.152	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	307575	51.611	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	296949	50.999	ug/l	100
89) n-Butylbenzene	13.82	91	611708	52.018	ug/l	100
90) Hexachloroethane	14.10	117	118253	52.852	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	262987	51.233	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19424	54.962	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166416	51.548	ug/l	100
94) Hexachlorobutadiene	15.24	225	90367	44.871	ug/l	100
95) Naphthalene	15.37	128	333208	60.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148204	53.315	ug/l	100

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

