

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011074.D
 Acq On : 01 Jul 2019 10:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 3:52:31 PM

Quant Time: Jul 02 08:42:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	377666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149372	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.88	113	118870	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.32	98	494898	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	174436	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	94794	53.594	ug/l	97
3) Chloromethane	2.21	50	116036	48.937	ug/l	99
4) Vinyl Chloride	2.36	62	158037	51.190	ug/l	99
5) Bromomethane	2.77	94	78057	50.795	ug/l	97
6) Chloroethane	2.92	64	85614	52.599	ug/l	99
7) Trichlorofluoromethane	3.25	101	54645	60.232	ug/l	91
8) Diethyl Ether	3.68	74	70638	49.163	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133264	52.228	ug/l	99
10) Methyl Iodide	4.27	142	181827	50.933	ug/l	100
11) Tert butyl alcohol	5.16	59	48455	217.515	ug/l	99
12) 1,1-Dichloroethene	4.04	96	137417	51.740	ug/l	97
13) Acrolein	3.89	56	46659	268.596	ug/l	100
14) Allyl chloride	4.66	41	258382	60.445	ug/l	99
15) Acrylonitrile	5.36	53	172237	243.427	ug/l	99
16) Acetone	4.11	43	197465	263.747	ug/l	97
17) Carbon Disulfide	4.38	76	419943	55.734	ug/l	100
18) Methyl Acetate	4.66	43	79495	40.990	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	188291	50.089	ug/l	98
20) Methylene Chloride	4.92	84	140707	46.256	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	140982	51.514	ug/l	98
22) Diisopropyl ether	6.31	45	522010	50.746	ug/l	97
23) Vinyl Acetate	6.25	43	1640725	258.862	ug/l	99
24) 1,1-Dichloroethane	6.21	63	277771	51.157	ug/l	100
25) 2-Butanone	7.17	43	266836	234.470	ug/l	98
26) 2,2-Dichloropropane	7.16	77	151056	53.581	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	149391	50.697	ug/l	99
28) Bromochloromethane	7.51	49	106790	42.247	ug/l	97
29) Tetrahydrofuran	7.52	42	164292	231.907	ug/l	99
30) Chloroform	7.67	83	252039	51.093	ug/l	99
31) Cyclohexane	7.95	56	288641	49.197	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	198889	53.956	ug/l	99
36) 1,1-Dichloropropene	8.08	75	216042	53.223	ug/l	100
37) Ethyl Acetate	7.24	43	110768	46.907	ug/l	98
38) Carbon Tetrachloride	8.06	117	184568	55.212	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	267058	53.459	ug/l	97
40) Benzene	8.32	78	584790	52.379	ug/l	100
41) Methacrylonitrile	7.48	41	64163	44.660	ug/l	93
42) 1,2-Dichloroethane	8.40	62	180200	49.226	ug/l	99
43) Isopropyl Acetate	8.42	43	216764	48.523	ug/l	100
44) Trichloroethene	9.09	130	141719	52.523	ug/l	97
45) 1,2-Dichloropropane	9.37	63	156243	51.534	ug/l	98
46) Dibromomethane	9.45	93	70865	49.977	ug/l	99
47) Bromodichloromethane	9.64	83	188585	53.718	ug/l	99
48) Methyl methacrylate	9.43	41	103066	47.583	ug/l	99
49) 1,4-Dioxane	9.44	88	23765	996.808	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	555819	236.368	ug/l	100
52) Toluene	10.38	92	357628	52.320	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	197826	54.100	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	235787	54.055	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98736	49.287	ug/l	98
56) Ethyl methacrylate	10.65	69	148694	49.567	ug/l	98
57) 1,3-Dichloropropane	10.93	76	187429	49.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	354177	233.345	ug/l	99
59) 2-Hexanone	10.97	43	401130	244.612	ug/l	99
60) Dibromochloromethane	11.13	129	111313	52.988	ug/l	98
61) 1,2-Dibromoethane	11.23	107	92324	49.229	ug/l	100
64) Tetrachloroethene	10.86	164	114401	50.417	ug/l	96
65) Chlorobenzene	11.66	112	353743	52.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124985	54.541	ug/l	98
67) Ethyl Benzene	11.73	91	694360	53.713	ug/l	100
68) m/p-Xylenes	11.84	106	503300	107.294	ug/l	100
69) o-Xylene	12.16	106	233818	53.515	ug/l	100
70) Styrene	12.18	104	407611	53.687	ug/l	99
71) Bromoform	12.35	173	60609	54.253	ug/l #	98
73) Isopropylbenzene	12.46	105	657131	54.361	ug/l	100
74) N-amyl acetate	12.27	43	206802	50.941	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	117903	49.668	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82209m	48.257	ug/l	
77) Bromobenzene	12.75	156	139721	52.585	ug/l	99
78) n-propylbenzene	12.80	91	818778	54.696	ug/l	99
79) 2-Chlorotoluene	12.89	91	454664	53.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	560692	54.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39982	49.943	ug/l	96
82) 4-Chlorotoluene	12.99	91	475222	53.322	ug/l	100
83) tert-Butylbenzene	13.21	119	467885	54.763	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	561185	54.189	ug/l	99
85) sec-Butylbenzene	13.38	105	681917	54.942	ug/l	100
86) p-Isopropyltoluene	13.50	119	614792	55.044	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	279127	53.108	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	273713	52.170	ug/l	99
89) n-Butylbenzene	13.82	91	625011	55.056	ug/l	100
90) Hexachloroethane	14.09	117	109827	57.470	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	244410	51.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20133	49.905	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	175814	52.936	ug/l	99
94) Hexachlorobutadiene	15.24	225	110556	54.882	ug/l	100
95) Naphthalene	15.37	128	320783	51.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	153610	51.796	ug/l	99

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

