

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012436.D
 Acq On : 01 Sep 2019 08:22
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 01:19:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	121116	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	93527	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.32	98	362080	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.62	95	130419	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	49406	43.202	ug/l	98
3) Chloromethane	2.21	50	90536	51.099	ug/l	99
4) Vinyl Chloride	2.36	62	103310	47.639	ug/l	97
5) Bromomethane	2.72	94	50699	46.163	ug/l	96
6) Chloroethane	2.88	64	62823	51.354	ug/l	93
7) Trichlorofluoromethane	3.23	101	53397	49.037	ug/l	99
8) Diethyl Ether	3.67	74	55858	54.043	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	88132	47.615	ug/l	99
10) Methyl Iodide	4.26	142	133463	53.292	ug/l	98
11) Tert butyl alcohol	5.17	59	40022	301.214	ug/l	99
12) 1,1-Dichloroethene	4.03	96	86090	46.211	ug/l	94
13) Acrolein	3.88	56	18056	144.365	ug/l	95
14) Allyl chloride	4.66	41	205922	51.704	ug/l	99
15) Acrylonitrile	5.36	53	149704	292.215	ug/l	99
16) Acetone	4.11	43	133935	237.314	ug/l	96
17) Carbon Disulfide	4.37	76	249316	44.282	ug/l	99
18) Methyl Acetate	4.66	43	92040	65.843	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	183315	60.847	ug/l	99
20) Methylene Chloride	4.90	84	112114	52.547	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	102293	51.204	ug/l	99
22) Diisopropyl ether	6.31	45	422351	57.211	ug/l	97
23) Vinyl Acetate	6.25	43	1229090	270.533	ug/l	100
24) 1,1-Dichloroethane	6.21	63	216625	53.892	ug/l	99
25) 2-Butanone	7.17	43	209954	273.760	ug/l	99
26) 2,2-Dichloropropane	7.17	77	101515	44.620	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115172	53.960	ug/l	99
28) Bromochloromethane	7.51	49	91035	51.963	ug/l	99
29) Tetrahydrofuran	7.52	42	138777	301.608	ug/l	99
30) Chloroform	7.67	83	206144	56.056	ug/l	99
31) Cyclohexane	7.95	56	167206	42.045	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	155826	53.564	ug/l	100
36) 1,1-Dichloropropene	8.08	75	151791	47.384	ug/l	99
37) Ethyl Acetate	7.25	43	94606	53.894	ug/l	100
38) Carbon Tetrachloride	8.07	117	137217	49.490	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	154408	42.906	ug/l	98
40) Benzene	8.32	78	448993	51.330	ug/l	100
41) Methacrylonitrile	7.48	41	60910	59.037	ug/l	97
42) 1,2-Dichloroethane	8.40	62	156690	57.156	ug/l	100
43) Isopropyl Acetate	8.42	43	176908	54.407	ug/l	100
44) Trichloroethene	9.09	130	106879	50.263	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123088	52.286	ug/l	98
46) Dibromomethane	9.46	93	58248	55.611	ug/l	98
47) Bromodichloromethane	9.64	83	152686	54.773	ug/l	98
48) Methyl methacrylate	9.43	41	87968	56.842	ug/l	96
49) 1,4-Dioxane	9.45	88	18491	1153.183	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	469479	283.869	ug/l	99
52) Toluene	10.38	92	272284	51.816	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	148931	52.449	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	175119	51.076	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	82310	55.542	ug/l	98
56) Ethyl methacrylate	10.65	69	121277	56.229	ug/l	99
57) 1,3-Dichloropropane	10.93	76	152426	54.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	293300	264.963	ug/l	100
59) 2-Hexanone	10.97	43	316773	270.697	ug/l	100
60) Dibromochloromethane	11.13	129	92487	56.031	ug/l	99
61) 1,2-Dibromoethane	11.24	107	76960	55.743	ug/l	99
64) Tetrachloroethene	10.87	164	95965	52.819	ug/l	96
65) Chlorobenzene	11.66	112	278747	50.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	102355	53.170	ug/l	99
67) Ethyl Benzene	11.73	91	533954	50.232	ug/l	98
68) m/p-Xylenes	11.83	106	385354	100.643	ug/l	100
69) o-Xylene	12.16	106	180494	50.932	ug/l	97
70) Styrene	12.18	104	320074	52.181	ug/l	98
71) Bromoform	12.35	173	52665	54.910	ug/l #	99
73) Isopropylbenzene	12.46	105	501694	48.968	ug/l	100
74) N-amyl acetate	12.27	43	159419	51.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96994	51.639	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67295m	50.535	ug/l	
77) Bromobenzene	12.74	156	114460	51.640	ug/l	98
78) n-propylbenzene	12.80	91	605121	48.380	ug/l	99
79) 2-Chlorotoluene	12.89	91	354207	49.880	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	436380	50.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	28564	47.030	ug/l	97
82) 4-Chlorotoluene	12.99	91	371161	49.918	ug/l	100
83) tert-Butylbenzene	13.21	119	363140	50.075	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	439217	51.073	ug/l	99
85) sec-Butylbenzene	13.38	105	498642	47.994	ug/l	100
86) p-Isopropyltoluene	13.50	119	457134	49.268	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	220364	50.829	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	218863	50.843	ug/l	99
89) n-Butylbenzene	13.82	91	438251	47.497	ug/l	100
90) Hexachloroethane	14.09	117	81312	49.949	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	198338	52.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17429	55.042	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	135844	51.685	ug/l	99
94) Hexachlorobutadiene	15.24	225	89439	51.536	ug/l	99
95) Naphthalene	15.36	128	257483	49.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	122531	53.434	ug/l	99

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

