

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010804.D
 Acq On : 13 Jun 2019 18:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 08:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147622	57.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.54%	
35) Dibromofluoromethane	7.88	113	111935	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
50) Toluene-d8	10.32	98	462585	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	172770	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	96345	47.670	ug/l	99
3) Chloromethane	2.21	50	151212	50.853	ug/l	99
4) Vinyl Chloride	2.35	62	136009	49.507	ug/l	97
5) Bromomethane	2.75	94	83301	55.215	ug/l	97
6) Chloroethane	2.90	64	85681	51.957	ug/l	99
7) Trichlorofluoromethane	3.25	101	192278	53.916	ug/l	96
8) Diethyl Ether	3.68	74	71423	56.042	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119241	54.384	ug/l	99
10) Methyl Iodide	4.27	142	93518	42.230	ug/l	98
11) Tert butyl alcohol	5.17	59	69797	332.350	ug/l	98
12) 1,1-Dichloroethene	4.03	96	112684	53.277	ug/l	94
13) Acrolein	3.89	56	12395	144.435	ug/l	99
14) Allyl chloride	4.67	41	271272	58.169	ug/l	99
15) Acrylonitrile	5.37	53	180474	291.486	ug/l	99
16) Acetone	4.12	43	204809	296.513	ug/l	100
17) Carbon Disulfide	4.37	76	337839	50.318	ug/l	100
18) Methyl Acetate	4.67	43	88133	59.275	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	355008	58.197	ug/l	97
20) Methylene Chloride	4.91	84	130807	53.982	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	132619	55.234	ug/l	99
22) Diisopropyl ether	6.31	45	555101	59.455	ug/l	99
23) Vinyl Acetate	6.26	43	1690308	299.990	ug/l	100
24) 1,1-Dichloroethane	6.21	63	269400	57.577	ug/l	99
25) 2-Butanone	7.17	43	292668	305.567	ug/l	97
26) 2,2-Dichloropropane	7.17	77	221245	58.109	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	150086	56.801	ug/l	98
28) Bromochloromethane	7.51	49	119750	57.349	ug/l	95
29) Tetrahydrofuran	7.52	42	178040	295.531	ug/l	98
30) Chloroform	7.67	83	245992	57.479	ug/l	98
31) Cyclohexane	7.95	56	266631	51.263	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	213783	57.185	ug/l	99
36) 1,1-Dichloropropene	8.08	75	202663	54.283	ug/l	99
37) Ethyl Acetate	7.25	43	119487	57.755	ug/l	98
38) Carbon Tetrachloride	8.07	117	177698	55.136	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	250488	52.778	ug/l	99
40) Benzene	8.32	78	561883	55.168	ug/l	99
41) Methacrylonitrile	7.48	41	72899	59.281	ug/l	96
42) 1,2-Dichloroethane	8.40	62	185637	57.428	ug/l	100
43) Isopropyl Acetate	8.42	43	234594	58.694	ug/l	99
44) Trichloroethene	9.09	130	136456	54.313	ug/l	100
45) 1,2-Dichloropropane	9.37	63	153285	56.854	ug/l	97
46) Dibromomethane	9.46	93	71430	57.040	ug/l	99
47) Bromodichloromethane	9.64	83	188329	58.017	ug/l	97
48) Methyl methacrylate	9.43	41	113510	58.903	ug/l	97
49) 1,4-Dioxane	9.45	88	21887	1117.900	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	601356	294.509	ug/l	100
52) Toluene	10.39	92	344554	54.983	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	201331	58.556	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	231974	57.337	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	102890	57.034	ug/l	98
56) Ethyl methacrylate	10.65	69	161202	58.072	ug/l	96
57) 1,3-Dichloropropane	10.93	76	194140	57.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	401746	276.311	ug/l	99
59) 2-Hexanone	10.97	43	439881	298.078	ug/l	99
60) Dibromochloromethane	11.13	129	115567	57.789	ug/l	99
61) 1,2-Dibromoethane	11.23	107	96765	56.613	ug/l	99
64) Tetrachloroethene	10.86	164	115061	52.680	ug/l	97
65) Chlorobenzene	11.66	112	356053	55.040	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	125726	56.144	ug/l	99
67) Ethyl Benzene	11.73	91	680259	54.716	ug/l	98
68) m/p-Xylenes	11.84	106	485049	108.988	ug/l	99
69) o-Xylene	12.16	106	231155	54.764	ug/l	97
70) Styrene	12.18	104	408032	55.648	ug/l	100
71) Bromoform	12.35	173	64996	56.121	ug/l #	99
73) Isopropylbenzene	12.46	105	637755	54.121	ug/l	99
74) N-amyl acetate	12.27	43	228054	59.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	125354	55.879	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	90116m	54.724	ug/l	
77) Bromobenzene	12.75	156	142073	55.234	ug/l	98
78) n-propylbenzene	12.80	91	776183	54.626	ug/l	100
79) 2-Chlorotoluene	12.90	91	448175	55.209	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	532293	55.187	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41155	57.439	ug/l	99
82) 4-Chlorotoluene	12.99	91	464418	55.438	ug/l	100
83) tert-Butylbenzene	13.21	119	448726	54.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	534040	55.022	ug/l	99
85) sec-Butylbenzene	13.38	105	646656	54.258	ug/l	99
86) p-Isopropyltoluene	13.50	119	581078	54.521	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	274125	55.263	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	270299	54.965	ug/l	99
89) n-Butylbenzene	13.82	91	591385	55.613	ug/l	100
90) Hexachloroethane	14.10	117	107490	56.317	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	244774	54.871	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23216	60.266	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	181714	58.048	ug/l	99
94) Hexachlorobutadiene	15.24	225	108870	55.414	ug/l	99
95) Naphthalene	15.37	128	344221	60.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	158943	59.702	ug/l	99

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

