

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011678.D
 Acq On : 03 Aug 2019 20:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 02:36:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157514	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137813	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	110327	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.32	98	443436	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	158561	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61837	50.995	ug/l	97
3) Chloromethane	2.21	50	102924	48.949	ug/l	98
4) Vinyl Chloride	2.36	62	127357	50.310	ug/l	98
5) Bromomethane	2.77	94	69048	49.278	ug/l	100
6) Chloroethane	2.92	64	74612	51.598	ug/l	98
7) Trichlorofluoromethane	3.25	101	59564	52.649	ug/l	99
8) Diethyl Ether	3.68	74	68793	53.630	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114336	53.275	ug/l	99
10) Methyl Iodide	4.28	142	161687	53.311	ug/l	99
11) Tert butyl alcohol	5.17	59	46281	251.082	ug/l	99
12) 1,1-Dichloroethene	4.04	96	119159	52.586	ug/l	97
13) Acrolein	3.89	56	54025	301.363	ug/l	97
14) Allyl chloride	4.66	41	253566	52.612	ug/l	99
15) Acrylonitrile	5.36	53	176945	276.335	ug/l	99
16) Acetone	4.12	43	166851	209.944	ug/l	96
17) Carbon Disulfide	4.38	76	366486	51.675	ug/l	100
18) Methyl Acetate	4.67	43	105338	59.001	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	198161	55.108	ug/l	94
20) Methylene Chloride	4.92	84	135448	49.417	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	132013	54.037	ug/l	95
22) Diisopropyl ether	6.31	45	494322	54.401	ug/l	98
23) Vinyl Acetate	6.25	43	1544177	270.452	ug/l	99
24) 1,1-Dichloroethane	6.21	63	266922	54.849	ug/l	99
25) 2-Butanone	7.17	43	257161	247.284	ug/l	100
26) 2,2-Dichloropropane	7.17	77	135335	45.220	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	143683	53.439	ug/l	100
28) Bromochloromethane	7.51	49	116104	53.750	ug/l	99
29) Tetrahydrofuran	7.52	42	166794	280.591	ug/l	99
30) Chloroform	7.67	83	241382	53.764	ug/l	97
31) Cyclohexane	7.95	56	235028	50.312	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	186325	54.494	ug/l	99
36) 1,1-Dichloropropene	8.08	75	197412	51.874	ug/l	99
37) Ethyl Acetate	7.25	43	117304	53.576	ug/l	99
38) Carbon Tetrachloride	8.07	117	171763	52.722	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219939	52.486	ug/l	99
40) Benzene	8.32	78	556081	52.166	ug/l	100
41) Methacrylonitrile	7.48	41	69878	53.391	ug/l	98
42) 1,2-Dichloroethane	8.40	62	178220	53.400	ug/l	100
43) Isopropyl Acetate	8.42	43	218701	54.314	ug/l	99
44) Trichloroethene	9.09	130	134302	52.420	ug/l	99
45) 1,2-Dichloropropane	9.37	63	150607	52.804	ug/l	98
46) Dibromomethane	9.46	93	69576	53.446	ug/l	99
47) Bromodichloromethane	9.64	83	182564	53.463	ug/l	100
48) Methyl methacrylate	9.43	41	106569	55.096	ug/l	99
49) 1,4-Dioxane	9.45	88	19701	1045.193	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	572808	273.490	ug/l	100
52) Toluene	10.38	92	337656	52.452	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	187094	52.450	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	220799	52.059	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	96755	52.383	ug/l	98
56) Ethyl methacrylate	10.65	69	148450	54.924	ug/l	100
57) 1,3-Dichloropropane	10.93	76	186567	53.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	394371	321.360	ug/l	99
59) 2-Hexanone	10.97	43	386222	261.171	ug/l	99
60) Dibromochloromethane	11.13	129	109897	53.601	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92727	53.050	ug/l	100
64) Tetrachloroethene	10.86	164	115652	54.877	ug/l	98
65) Chlorobenzene	11.66	112	337303	51.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	121106	53.429	ug/l	99
67) Ethyl Benzene	11.73	91	657954	53.089	ug/l	100
68) m/p-Xylenes	11.84	106	472911	104.925	ug/l	99
69) o-Xylene	12.16	106	222565	53.139	ug/l	100
70) Styrene	12.18	104	389048	53.724	ug/l	100
71) Bromoform	12.35	173	62801	54.341	ug/l	# 96
73) Isopropylbenzene	12.46	105	614328	52.279	ug/l	100
74) N-amyl acetate	12.27	43	197766	53.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119158	53.909	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	97990m	58.794	ug/l	
77) Bromobenzene	12.74	156	135924	52.333	ug/l	99
78) n-propylbenzene	12.80	91	754227	52.740	ug/l	100
79) 2-Chlorotoluene	12.89	91	430595	52.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	524913	53.290	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37440	51.771	ug/l	97
82) 4-Chlorotoluene	12.99	91	451166	52.193	ug/l	99
83) tert-Butylbenzene	13.21	119	440450	53.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	523833	52.792	ug/l	99
85) sec-Butylbenzene	13.38	105	623319	53.033	ug/l	100
86) p-Isopropyltoluene	13.50	119	561636	52.666	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	264108	51.859	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	259652	51.253	ug/l	99
89) n-Butylbenzene	13.82	91	556219	52.266	ug/l	100
90) Hexachloroethane	14.09	117	99802	52.926	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	234672	52.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20168	53.507	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166194	52.353	ug/l	100
94) Hexachlorobutadiene	15.24	225	104232	52.651	ug/l	98
95) Naphthalene	15.36	128	318913	51.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	146759	52.741	ug/l	98

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

