

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011660.D
 Acq On : 03 Aug 2019 12:47
 Operator : SY/VA
 Sample : VW0804SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD01

Quant Time: Aug 04 02:01:53 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	258372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	356633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	148642	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	119599	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.32	98	497243	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	173318	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28882	20.058	ug/l	95
3) Chloromethane	2.21	50	47032	18.836	ug/l	97
4) Vinyl Chloride	2.36	62	58645	19.509	ug/l	99
5) Bromomethane	2.76	94	29719	17.861	ug/l	95
6) Chloroethane	2.92	64	32558	18.961	ug/l	95
7) Trichlorofluoromethane	3.25	101	29617	22.045	ug/l	99
8) Diethyl Ether	3.68	74	27541	18.081	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51933	20.378	ug/l	98
10) Methyl Iodide	4.28	142	67530	18.751	ug/l	98
11) Tert butyl alcohol	5.17	59	19649	77.433	ug/l	98
12) 1,1-Dichloroethene	4.04	96	51085	18.985	ug/l	96
13) Acrolein	3.89	56	18238	85.673	ug/l	98
14) Allyl chloride	4.67	41	108688	18.991	ug/l	99
15) Acrylonitrile	5.37	53	67637	88.952	ug/l	99
16) Acetone	4.12	43	68984	73.096	ug/l	97
17) Carbon Disulfide	4.38	76	156072	18.532	ug/l	99
18) Methyl Acetate	4.67	43	38261	18.047	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	78908	18.479	ug/l	99
20) Methylene Chloride	4.92	84	57769	17.749	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56000	19.304	ug/l	98
22) Diisopropyl ether	6.31	45	205478	19.043	ug/l	94
23) Vinyl Acetate	6.25	43	623957	92.028	ug/l	99
24) 1,1-Dichloroethane	6.21	63	110882	19.187	ug/l	98
25) 2-Butanone	7.17	43	100303	81.223	ug/l	100
26) 2,2-Dichloropropane	7.17	77	66331	18.664	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59210	18.545	ug/l	98
28) Bromochloromethane	7.51	49	53635	20.910	ug/l	98
29) Tetrahydrofuran	7.52	42	61435	87.032	ug/l	99
30) Chloroform	7.68	83	102617	19.248	ug/l	94
31) Cyclohexane	7.95	56	110303	19.884	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	80002	19.704	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86717	20.320	ug/l	99
37) Ethyl Acetate	7.26	43	43559	17.741	ug/l	98
38) Carbon Tetrachloride	8.07	117	72460	19.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96169	20.465	ug/l	100
40) Benzene	8.32	78	234983	19.657	ug/l	100
41) Methacrylonitrile	7.48	41	25297	17.236	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72176	19.285	ug/l	99
43) Isopropyl Acetate	8.42	43	81534	18.057	ug/l	99
44) Trichloroethene	9.09	130	56557	19.685	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62939	19.678	ug/l	95
46) Dibromomethane	9.46	93	27974	19.162	ug/l	99
47) Bromodichloromethane	9.64	83	72041	18.813	ug/l	99
48) Methyl methacrylate	9.43	41	38906	17.937	ug/l	98
49) 1,4-Dioxane	9.45	88	7581	358.652	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	210142	89.471	ug/l	100
52) Toluene	10.39	92	142317	19.714	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74205	18.550	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	88916	18.695	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38711	18.689	ug/l	97
56) Ethyl methacrylate	10.65	69	55310	18.248	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74196	18.934	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	148998	108.270	ug/l	100
59) 2-Hexanone	10.97	43	141414	85.274	ug/l	100
60) Dibromochloromethane	11.13	129	42563	18.512	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36069	18.401	ug/l	99
64) Tetrachloroethene	10.86	164	46527	20.037	ug/l	97
65) Chlorobenzene	11.66	112	139089	19.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48237	19.314	ug/l	99
67) Ethyl Benzene	11.73	91	270552	19.813	ug/l	99
68) m/p-Xylenes	11.84	106	195810	39.429	ug/l	99
69) o-Xylene	12.16	106	90996	19.718	ug/l	100
70) Styrene	12.18	104	155650	19.507	ug/l	100
71) Bromoform	12.35	173	22823	17.923	ug/l #	96
73) Isopropylbenzene	12.46	105	252412	19.794	ug/l	100
74) N-amyl acetate	12.27	43	71962	18.025	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45258	18.868	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32546m	17.994	ug/l	
77) Bromobenzene	12.75	156	55861	19.818	ug/l	98
78) n-propylbenzene	12.80	91	312980	20.167	ug/l	99
79) 2-Chlorotoluene	12.89	91	179048	20.026	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	217086	20.308	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	14039	17.889	ug/l	94
82) 4-Chlorotoluene	12.99	91	187656	20.004	ug/l	100
83) tert-Butylbenzene	13.21	119	180781	20.224	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	212446	19.729	ug/l	100
85) sec-Butylbenzene	13.38	105	257522	20.190	ug/l	100
86) p-Isopropyltoluene	13.50	119	227559	19.663	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107572	19.464	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	107249	19.508	ug/l	98
89) n-Butylbenzene	13.82	91	230076	19.922	ug/l	98
90) Hexachloroethane	14.10	117	39315	19.212	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	94980	19.431	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7473	18.270	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.13	180	62156	18.042	ug/l	99
94) Hexachlorobutadiene	15.24	225	41695	19.408	ug/l	98
95) Naphthalene	15.37	128	104436	16.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	53642	17.764	ug/l	99

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

