

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008280.D
 Acq On : 15 Jan 2019 13:26
 Operator : SY/VA
 Sample : VW0115SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0115SBS01

Quant Time: Jan 16 01:12:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	127907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64452	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	40671	48.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.90%	
35) Dibromofluoromethane	7.88	113	38785	51.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.98%	
50) Toluene-d8	10.32	98	162909	52.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.62	95	58240	51.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	11739	19.457	ug/l	99
3) Chloromethane	2.21	50	17265	22.057	ug/l	98
4) Vinyl Chloride	2.37	62	22888	22.405	ug/l	91
5) Bromomethane	2.78	94	17527	22.903	ug/l	94
6) Chloroethane	2.92	64	17515	22.785	ug/l	95
7) Trichlorofluoromethane	3.26	101	18410	22.167	ug/l #	81
8) Diethyl Ether	3.68	74	10269	21.872	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17389	21.089	ug/l	96
10) Methyl Iodide	4.26	142	23775	19.783	ug/l	98
11) Tert butyl alcohol	5.23	59	6000	101.747	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	16906	20.883	ug/l	98
13) Acrolein	3.90	56	4674	83.502	ug/l	97
14) Allyl chloride	4.66	41	28921	19.676	ug/l	99
15) Acrylonitrile	5.37	53	20266	113.376	ug/l	97
16) Acetone	4.14	43	22181	139.143	ug/l	93
17) Carbon Disulfide	4.37	76	50223	19.859	ug/l	98
18) Methyl Acetate	4.67	43	11221	21.368	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	25556	19.418	ug/l	96
20) Methylene Chloride	4.91	84	19783	21.437	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	18187	20.673	ug/l	94
22) Diisopropyl ether	6.31	45	58072	20.716	ug/l	93
23) Vinyl Acetate	6.25	43	156578	106.353	ug/l	99
24) 1,1-Dichloroethane	6.21	63	34292	20.995	ug/l	99
25) 2-Butanone	7.18	43	26843	116.118	ug/l	98
26) 2,2-Dichloropropane	7.16	77	23547	21.277	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20341	21.192	ug/l	97
28) Bromochloromethane	7.51	49	14012	21.689	ug/l	97
29) Tetrahydrofuran	7.53	42	16782	108.679	ug/l	99
30) Chloroform	7.67	83	34237	22.022	ug/l	96
31) Cyclohexane	7.95	56	34836	19.923	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	29205	21.589	ug/l	100
36) 1,1-Dichloropropene	8.07	75	28710	21.790	ug/l	97
37) Ethyl Acetate	7.26	43	12364	23.423	ug/l #	96
38) Carbon Tetrachloride	8.06	117	26793	22.217	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34367	20.571	ug/l	95
40) Benzene	8.32	78	78301	21.911	ug/l	98
41) Methacrylonitrile	7.48	41	6933	20.792	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	21774	21.664	ug/l	96
43) Isopropyl Acetate	8.42	43	22094	20.934	ug/l	96
44) Trichloroethene	9.09	130	20106	21.979	ug/l	93
45) 1,2-Dichloropropane	9.37	63	19807	22.353	ug/l	92
46) Dibromomethane	9.45	93	10247	23.547	ug/l	99
47) Bromodichloromethane	9.64	83	24948	22.578	ug/l	99
48) Methyl methacrylate	9.43	41	10300	20.683	ug/l #	85
49) 1,4-Dioxane	9.48	88	3343	477.684	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	58309	114.137	ug/l	98
52) Toluene	10.38	92	50495	22.125	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	25188	21.914	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	29597	21.715	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	15143	24.785	ug/l	96
56) Ethyl methacrylate	10.65	69	16728	22.108	ug/l	95
57) 1,3-Dichloropropane	10.93	76	24778	22.175	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	43999	112.574	ug/l	98
59) 2-Hexanone	10.97	43	41249	119.399	ug/l	99
60) Dibromochloromethane	11.13	129	16625	24.779	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13579	23.423	ug/l	99
64) Tetrachloroethene	10.86	164	16903	20.794	ug/l	96
65) Chlorobenzene	11.66	112	56074	21.190	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	19215	22.325	ug/l	96
67) Ethyl Benzene	11.73	91	98552	20.354	ug/l	98
68) m/p-Xylenes	11.84	106	75958	41.101	ug/l	99
69) o-Xylene	12.17	106	34957	20.426	ug/l	98
70) Styrene	12.18	104	56874	21.217	ug/l	98
71) Bromoform	12.35	173	9278	24.086	ug/l #	98
73) Isopropylbenzene	12.46	105	98515	19.469	ug/l	99
74) N-amyl acetate	12.27	43	21288	18.997	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	17279	21.334	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12743m	21.688	ug/l	
77) Bromobenzene	12.75	156	21020	19.660	ug/l	97
78) n-propylbenzene	12.80	91	123594	19.934	ug/l	98
79) 2-Chlorotoluene	12.90	91	67869	19.621	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	85171	20.483	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	5276	20.911	ug/l	97
82) 4-Chlorotoluene	12.99	91	71285	19.567	ug/l	97
83) tert-Butylbenzene	13.21	119	73372	19.945	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	85569	19.952	ug/l	100
85) sec-Butylbenzene	13.39	105	107366	19.924	ug/l	100
86) p-Isopropyltoluene	13.50	119	92744	19.930	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	45233	20.856	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	44694	20.539	ug/l	98
89) n-Butylbenzene	13.83	91	92184	20.227	ug/l	98
90) Hexachloroethane	14.10	117	17017	21.651	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	39487	20.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3037	23.300	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26266	20.755	ug/l	98
94) Hexachlorobutadiene	15.24	225	14953	22.076	ug/l	97
95) Naphthalene	15.38	128	46638	19.737	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	22212	20.589	ug/l	98

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

