

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012201.D
 Acq On : 27 Aug 2019 10:13
 Operator : SY/VA
 Sample : VW0827SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBSD01

Quant Time: Aug 28 05:15:17 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	277039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	161716	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.88	113	130690	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.32	98	540482	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	190891	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28414	16.657	ug/l	98
3) Chloromethane	2.21	50	44996	17.026	ug/l	97
4) Vinyl Chloride	2.36	62	57928	17.908	ug/l	99
5) Bromomethane	2.77	94	27781	16.958	ug/l	96
6) Chloroethane	2.92	64	31684	17.363	ug/l	100
7) Trichlorofluoromethane	3.25	101	28452	17.517	ug/l	99
8) Diethyl Ether	3.68	74	28941	18.772	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50866	18.424	ug/l	99
10) Methyl Iodide	4.28	142	67127	17.970	ug/l	98
11) Tert butyl alcohol	5.18	59	22149	111.756	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	50383	18.131	ug/l	90
13) Acrolein	3.89	56	17604	94.361	ug/l	98
14) Allyl chloride	4.66	41	109618	18.452	ug/l	99
15) Acrylonitrile	5.37	53	71809	93.970	ug/l	99
16) Acetone	4.13	43	72022	85.553	ug/l	99
17) Carbon Disulfide	4.38	76	135389	16.121	ug/l	99
18) Methyl Acetate	4.67	43	41747	20.022	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	88580	19.712	ug/l	98
20) Methylene Chloride	4.92	84	57302	18.005	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	53978	18.114	ug/l	100
22) Diisopropyl ether	6.31	45	213958	19.430	ug/l	95
23) Vinyl Acetate	6.25	43	651452	96.130	ug/l	99
24) 1,1-Dichloroethane	6.21	63	112411	18.749	ug/l	99
25) 2-Butanone	7.17	43	109194	95.452	ug/l	99
26) 2,2-Dichloropropane	7.17	77	68722	20.250	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	60789	19.094	ug/l	98
28) Bromochloromethane	7.51	49	49855	19.078	ug/l	96
29) Tetrahydrofuran	7.53	42	66976	97.586	ug/l	99
30) Chloroform	7.67	83	104190	18.994	ug/l	99
31) Cyclohexane	7.96	56	105621	17.805	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	81494	18.780	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85264	18.805	ug/l	100
37) Ethyl Acetate	7.25	43	46960	18.900	ug/l	97
38) Carbon Tetrachloride	8.07	117	73625	18.761	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93959	18.446	ug/l	97
40) Benzene	8.32	78	233328	18.846	ug/l	98
41) Methacrylonitrile	7.49	41	27446	18.795	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72993	18.811	ug/l	99
43) Isopropyl Acetate	8.42	43	90837	19.737	ug/l	100
44) Trichloroethene	9.09	130	57405	19.073	ug/l	95
45) 1,2-Dichloropropane	9.37	63	64350	19.312	ug/l	97
46) Dibromomethane	9.46	93	28286	19.080	ug/l	100
47) Bromodichloromethane	9.65	83	74675	18.926	ug/l	98
48) Methyl methacrylate	9.43	41	42154	19.244	ug/l	94
49) 1,4-Dioxane	9.46	88	8231	362.665	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	234995	100.387	ug/l	100
52) Toluene	10.39	92	140992	18.956	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	79244	19.717	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	93386	19.243	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	41598	19.831	ug/l	98
56) Ethyl methacrylate	10.65	69	61920	20.283	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78361	19.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	158455	101.133	ug/l	100
59) 2-Hexanone	10.97	43	164109	99.079	ug/l	99
60) Dibromochloromethane	11.13	129	45461	19.458	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38111	19.502	ug/l	99
64) Tetrachloroethene	10.86	164	47401	19.342	ug/l	98
65) Chlorobenzene	11.66	112	144170	19.370	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	50750	19.545	ug/l	99
67) Ethyl Benzene	11.73	91	278992	19.459	ug/l	99
68) m/p-Xylenes	11.84	106	200173	38.759	ug/l	99
69) o-Xylene	12.16	106	93870	19.638	ug/l	99
70) Styrene	12.18	104	162859	19.684	ug/l	99
71) Bromoform	12.35	173	25565	19.762	ug/l #	99
73) Isopropylbenzene	12.46	105	271672	19.723	ug/l	100
74) N-amyl acetate	12.27	43	84104	20.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	48670	19.273	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	41386m	23.116	ug/l	
77) Bromobenzene	12.74	156	57827	19.405	ug/l	99
78) n-propylbenzene	12.80	91	327957	19.503	ug/l	99
79) 2-Chlorotoluene	12.89	91	186460	19.530	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	222307	19.314	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15933	19.512	ug/l	99
82) 4-Chlorotoluene	12.99	91	195667	19.573	ug/l	99
83) tert-Butylbenzene	13.21	119	195197	20.020	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	225866	19.535	ug/l	100
85) sec-Butylbenzene	13.38	105	273992	19.615	ug/l	100
86) p-Isopropyltoluene	13.50	119	246578	19.766	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113371	19.450	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	111326	19.235	ug/l	98
89) n-Butylbenzene	13.82	91	243397	19.620	ug/l	99
90) Hexachloroethane	14.09	117	41923	19.155	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	101043	19.761	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8353	19.621	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	73386	20.768	ug/l	97
94) Hexachlorobutadiene	15.24	225	46309	19.847	ug/l	98
95) Naphthalene	15.36	128	133736	21.941	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	64318	20.862	ug/l	98

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

