

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008803.D
 Acq On : 25 Feb 2019 13:35
 Operator : SY/VA
 Sample : VW0225SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0225SBS01

Quant Time: Feb 26 03:57:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	238586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173383	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	
35) Dibromofluoromethane	7.88	113	160473	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	
50) Toluene-d8	10.32	98	604785	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
62) 4-Bromofluorobenzene	12.62	95	234407	56.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	64584	20.111	ug/l	95
3) Chloromethane	2.21	50	83523	21.366	ug/l	99
4) Vinyl Chloride	2.36	62	84120	20.324	ug/l	99
5) Bromomethane	2.76	94	70476	22.925	ug/l	98
6) Chloroethane	2.91	64	58487	19.900	ug/l	96
7) Trichlorofluoromethane	3.26	101	112871	21.562	ug/l	95
8) Diethyl Ether	3.68	74	33625	20.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70413	22.151	ug/l	98
10) Methyl Iodide	4.27	142	78229	19.680	ug/l	99
11) Tert butyl alcohol	5.18	59	28478	106.370	ug/l	98
12) 1,1-Dichloroethene	4.04	96	59747	21.282	ug/l	95
13) Acrolein	3.90	56	22419	92.888	ug/l	92
14) Allyl chloride	4.67	41	101285	20.904	ug/l	95
15) Acrylonitrile	5.37	53	71449	100.458	ug/l	99
16) Acetone	4.13	43	72282	103.696	ug/l	97
17) Carbon Disulfide	4.38	76	187713	20.153	ug/l	97
18) Methyl Acetate	4.68	43	32039	19.378	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	163482	21.515	ug/l	98
20) Methylene Chloride	4.91	84	80859	20.537	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	66762	20.559	ug/l	99
22) Diisopropyl ether	6.32	45	206266	21.341	ug/l	98
23) Vinyl Acetate	6.26	43	641153	107.363	ug/l	99
24) 1,1-Dichloroethane	6.22	63	120481	21.511	ug/l	99
25) 2-Butanone	7.17	43	100564	103.192	ug/l	98
26) 2,2-Dichloropropane	7.17	77	113781	22.376	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	73711	21.220	ug/l	99
28) Bromochloromethane	7.51	49	51235	21.860	ug/l	98
29) Tetrahydrofuran	7.53	42	62280	100.283	ug/l	98
30) Chloroform	7.68	83	123262	21.452	ug/l	99
31) Cyclohexane	7.95	56	122231	21.560	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	114912	21.992	ug/l	98
36) 1,1-Dichloropropene	8.08	75	100082	22.321	ug/l	99
37) Ethyl Acetate	7.25	43	44833	21.502	ug/l	97
38) Carbon Tetrachloride	8.07	117	105570	22.326	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117228	20.961	ug/l	94
40) Benzene	8.32	78	264002	21.565	ug/l	99
41) Methacrylonitrile	7.49	41	26505	21.626	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	83886	21.631	ug/l	99
43) Isopropyl Acetate	8.43	43	84289	20.255	ug/l	98
44) Trichloroethene	9.09	130	75423	21.870	ug/l	98
45) 1,2-Dichloropropane	9.37	63	65636	21.696	ug/l	100
46) Dibromomethane	9.46	93	36024	21.408	ug/l	98
47) Bromodichloromethane	9.65	83	91282	22.296	ug/l	96
48) Methyl methacrylate	9.43	41	37847	18.989	ug/l	94
49) 1,4-Dioxane	9.46	88	9907	367.641	ug/l #	67
51) 4-Methyl-2-Pentanone	10.21	43	209768	99.288	ug/l	98
52) Toluene	10.39	92	172702	20.786	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	90117	21.595	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	103465	21.739	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	51150	22.414	ug/l	97
56) Ethyl methacrylate	10.65	69	59148	19.950	ug/l	99
57) 1,3-Dichloropropane	10.93	76	84297	20.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	164563	110.358	ug/l	99
59) 2-Hexanone	10.97	43	151503	100.738	ug/l	99
60) Dibromochloromethane	11.13	129	61168	21.975	ug/l	97
61) 1,2-Dibromoethane	11.24	107	48915	21.655	ug/l	96
64) Tetrachloroethene	10.86	164	66011	21.313	ug/l	94
65) Chlorobenzene	11.66	112	193905	21.313	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	66099	21.487	ug/l	95
67) Ethyl Benzene	11.73	91	346709	21.318	ug/l	98
68) m/p-Xylenes	11.84	106	277007	42.628	ug/l	99
69) o-Xylene	12.17	106	130561	21.406	ug/l	99
70) Styrene	12.18	104	204513	20.841	ug/l	99
71) Bromoform	12.35	173	34028	20.579	ug/l #	98
73) Isopropylbenzene	12.47	105	349163	21.348	ug/l	98
74) N-amyl acetate	12.27	43	80071	19.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	55919	20.924	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40959m	20.793	ug/l	
77) Bromobenzene	12.75	156	83639	21.639	ug/l	96
78) n-propylbenzene	12.80	91	435285	21.756	ug/l	99
79) 2-Chlorotoluene	12.90	91	239732	21.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	300274	21.126	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17481	21.574	ug/l	97
82) 4-Chlorotoluene	12.99	91	251724	21.029	ug/l	100
83) tert-Butylbenzene	13.21	119	268096	21.814	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	303897	20.654	ug/l	99
85) sec-Butylbenzene	13.38	105	379225	21.459	ug/l	100
86) p-Isopropyltoluene	13.50	119	336069	20.744	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	171228	21.352	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	168492	21.318	ug/l	99
89) n-Butylbenzene	13.83	91	321043	21.153	ug/l	100
90) Hexachloroethane	14.10	117	56934	21.468	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	149287	20.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9804	20.280	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	105018	20.399	ug/l	97
94) Hexachlorobutadiene	15.24	225	65731	21.675	ug/l	99
95) Naphthalene	15.38	128	172750	19.708	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	92826	20.854	ug/l	99

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

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