

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009080.D
 Acq On : 11 Mar 2019 12:22
 Operator : SY/VA
 Sample : VW0311SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 1:15:46 PM

Quant Time: Mar 12 08:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143601	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.88	113	122412	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.32	98	501473	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.62	95	187833	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	66623	22.875	ug/l	99
3) Chloromethane	2.21	50	76338	20.633	ug/l	96
4) Vinyl Chloride	2.35	62	79544	21.185	ug/l	96
5) Bromomethane	2.75	94	62661	19.770	ug/l	99
6) Chloroethane	2.90	64	52472	19.630	ug/l	100
7) Trichlorofluoromethane	3.25	101	101563	21.008	ug/l	91
8) Diethyl Ether	3.68	74	29770	20.139	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62474	20.749	ug/l	100
10) Methyl Iodide	4.26	142	53124	18.416	ug/l	99
11) Tert butyl alcohol	5.17	59	24293	109.034	ug/l	99
12) 1,1-Dichloroethene	4.03	96	54511	20.988	ug/l	96
13) Acrolein	3.90	56	21949	89.524	ug/l	98
14) Allyl chloride	4.67	41	89217	19.474	ug/l	100
15) Acrylonitrile	5.37	53	63432	98.320	ug/l	99
16) Acetone	4.12	43	64582	98.433	ug/l	95
17) Carbon Disulfide	4.37	76	179103	20.496	ug/l	99
18) Methyl Acetate	4.67	43	27923	18.508	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	133271	19.398	ug/l	97
20) Methylene Chloride	4.92	84	68429	18.783	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	60995	20.339	ug/l	99
22) Diisopropyl ether	6.31	45	179713	19.739	ug/l	98
23) Vinyl Acetate	6.26	43	558457	98.570	ug/l	96
24) 1,1-Dichloroethane	6.22	63	103467	19.593	ug/l	97
25) 2-Butanone	7.17	43	88142	97.207	ug/l	96
26) 2,2-Dichloropropane	7.17	77	100094	20.853	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	62798	19.498	ug/l	99
28) Bromochloromethane	7.51	49	46227	21.046	ug/l	92
29) Tetrahydrofuran	7.53	42	55287	96.756	ug/l	98
30) Chloroform	7.68	83	108711	19.995	ug/l	93
31) Cyclohexane	7.95	56	106726	19.683	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	101784	20.286	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88796	20.449	ug/l	98
37) Ethyl Acetate	7.25	43	40568	19.890	ug/l	97
38) Carbon Tetrachloride	8.07	117	92379	20.600	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101526	19.630	ug/l	98
40) Benzene	8.32	78	231061	19.934	ug/l	98
41) Methacrylonitrile	7.49	41	24664	21.776	ug/l	88
42) 1,2-Dichloroethane	8.40	62	74942	20.026	ug/l	99
43) Isopropyl Acetate	8.43	43	72614	19.115	ug/l	99
44) Trichloroethene	9.09	130	64672	19.906	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57956	19.963	ug/l	91
46) Dibromomethane	9.46	93	31239	19.703	ug/l	99
47) Bromodichloromethane	9.64	83	81145	20.218	ug/l	97
48) Methyl methacrylate	9.43	41	31487	17.801	ug/l	87
49) 1,4-Dioxane	9.45	88	9235	406.749	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	185195	96.031	ug/l	100
52) Toluene	10.39	92	156495	19.907	ug/l	95
53) t-1,3-Dichloropropene	10.60	75	79302	19.978	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91211	19.995	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	43515	20.249	ug/l	97
56) Ethyl methacrylate	10.65	69	50308	18.863	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74210	19.493	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	136874	98.995	ug/l	99
59) 2-Hexanone	10.97	43	134200	98.975	ug/l	100
60) Dibromochloromethane	11.13	129	52421	19.711	ug/l	96
61) 1,2-Dibromoethane	11.23	107	41119	19.518	ug/l	99
64) Tetrachloroethene	10.86	164	57389	19.566	ug/l	97
65) Chlorobenzene	11.66	112	170434	19.252	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	57435	19.431	ug/l	99
67) Ethyl Benzene	11.73	91	308622	19.298	ug/l	96
68) m/p-Xylenes	11.84	106	248313	39.336	ug/l	98
69) o-Xylene	12.17	106	111827	19.039	ug/l	100
70) Styrene	12.18	104	181406	19.089	ug/l	98
71) Bromoform	12.35	173	31315	19.731	ug/l #	99
73) Isopropylbenzene	12.47	105	313580	18.907	ug/l	99
74) N-amyl acetate	12.27	43	73220	18.649	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	49900	19.073	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35154m	19.211	ug/l	
77) Bromobenzene	12.75	156	73520	19.401	ug/l	95
78) n-propylbenzene	12.80	91	395103	19.340	ug/l	100
79) 2-Chlorotoluene	12.90	91	216195	18.836	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	276035	19.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15667	19.151	ug/l	97
82) 4-Chlorotoluene	12.99	91	234240	19.145	ug/l	98
83) tert-Butylbenzene	13.21	119	231650	19.212	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	278878	19.284	ug/l	99
85) sec-Butylbenzene	13.38	105	345766	19.355	ug/l	100
86) p-Isopropyltoluene	13.50	119	306247	19.163	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	152527	19.152	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	153362	19.486	ug/l	99
89) n-Butylbenzene	13.83	91	296616	19.524	ug/l	100
90) Hexachloroethane	14.10	117	53589	19.443	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	136269	19.393	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8804	18.894	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	93864	19.780	ug/l	99
94) Hexachlorobutadiene	15.24	225	59740	20.099	ug/l	99
95) Naphthalene	15.37	128	143657	18.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	80093	19.194	ug/l	98

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

