

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005130.D
 Acq On : 05 Sep 2018 15:46
 Operator : SY/AP
 Sample : VW0905SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBS01

Manual Integrations
 APPROVED

apatel
 9/6/2018 12:02:31 PM

Quant Time: Sep 05 16:44:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	588125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	848333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	450585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	267370	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
35) Dibromofluoromethane	7.89	113	261066	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	10.33	98	1246300	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.62	95	459221	57.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	116740	24.63	ug/l	98
3) Chloromethane	2.21	50	169176	24.60	ug/l	99
4) Vinyl Chloride	2.36	62	164705	24.63	ug/l	100
5) Bromomethane	2.76	94	91435	19.45	ug/l	94
6) Chloroethane	2.91	64	96450	23.17	ug/l	98
7) Trichlorofluoromethane	3.26	101	178315	23.70	ug/l	100
8) Diethyl Ether	3.68	74	62413	22.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120291	23.28	ug/l	99
10) Methyl Iodide	4.28	142	115032	17.58	ug/l	100
11) Tert butyl alcohol	5.20	59	43827	159.14	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	109839	23.10	ug/l	94
13) Acrolein	3.90	56	36517	115.40	ug/l	99
14) Allyl chloride	4.67	41	177406	23.86	ug/l	98
15) Acrylonitrile	5.38	53	133003	115.84	ug/l	100
16) Acetone	4.14	43	114594	117.20	ug/l	96
17) Carbon Disulfide	4.38	76	380786	22.98	ug/l	99
18) Methyl Acetate	4.68	43	60238	20.94	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	272630	23.61	ug/l	100
20) Methylene Chloride	4.92	84	169620	23.63	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	126106	21.76	ug/l	96
22) Diisopropyl ether	6.32	45	366719	23.44	ug/l	99
23) Vinyl Acetate	6.26	43	1034787	125.94	ug/l	98
24) 1,1-Dichloroethane	6.22	63	217491	22.24	ug/l	99
25) 2-Butanone	7.18	43	202034	119.13	ug/l	97
26) 2,2-Dichloropropane	7.17	77	195331	24.31	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	137155	21.64	ug/l	94
28) Bromochloromethane	7.52	49	85115	21.63	ug/l	94
29) Tetrahydrofuran	7.54	42	101942	117.65	ug/l	98
30) Chloroform	7.68	83	214589	21.50	ug/l	98
31) Cyclohexane	7.96	56	236530	24.70	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	194297	22.35	ug/l	99
36) 1,1-Dichloropropene	8.09	75	191739	23.73	ug/l	98
37) Ethyl Acetate	7.26	43	75626	25.03	ug/l	99
38) Carbon Tetrachloride	8.07	117	173075	22.53	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232133	23.76	ug/l	100
40) Benzene	8.33	78	540865	21.87	ug/l	99
41) Methacrylonitrile	7.49	41	44561	25.45	ug/l	95
42) 1,2-Dichloroethane	8.40	62	130019	21.48	ug/l	100
43) Isopropyl Acetate	8.43	43	133163	24.22	ug/l	98
44) Trichloroethene	9.10	130	146558	21.96	ug/l	98
45) 1,2-Dichloropropane	9.37	63	136395	22.57	ug/l	100
46) Dibromomethane	9.46	93	62368	21.59	ug/l	96
47) Bromodichloromethane	9.65	83	159767	21.96	ug/l	95
48) Methyl methacrylate	9.44	41	61687	23.30	ug/l	95
49) 1,4-Dioxane	9.47	88	21735	465.17	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	441388	119.78	ug/l	99
52) Toluene	10.39	92	365227	21.79	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	163445	22.86	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	202850	23.33	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	97133	21.71	ug/l	99
56) Ethyl methacrylate	10.65	69	117578	23.04	ug/l	98
57) 1,3-Dichloropropane	10.94	76	165290	22.44	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	275158	113.78	ug/l	97
59) 2-Hexanone	10.98	43	311891	125.14	ug/l	97
60) Dibromochloromethane	11.13	129	107389	21.23	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88126	21.82	ug/l	99
64) Tetrachloroethene	10.87	164	128848	19.76	ug/l	97
65) Chlorobenzene	11.66	112	400665	21.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	119433	20.89	ug/l	100
67) Ethyl Benzene	11.74	91	708167	22.39	ug/l	100
68) m/p-Xylenes	11.85	106	573715	45.30	ug/l	99
69) o-Xylene	12.17	106	262871	22.45	ug/l	99
70) Styrene	12.19	104	428966	22.18	ug/l	99
71) Bromoform	12.35	173	62713	20.70	ug/l #	98
73) Isopropylbenzene	12.47	105	712874	22.44	ug/l	100
74) N-amyl acetate	12.28	43	133090	24.33	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	107235	22.17	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76907m	22.74	ug/l	
77) Bromobenzene	12.76	156	163810	20.93	ug/l	95
78) n-propylbenzene	12.81	91	886907	23.12	ug/l	99
79) 2-Chlorotoluene	12.90	91	500357	22.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	621429	22.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31126	22.15	ug/l	95
82) 4-Chlorotoluene	12.99	91	526110	22.27	ug/l	99
83) tert-Butylbenzene	13.21	119	516979	22.53	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	626981	22.41	ug/l	99
85) sec-Butylbenzene	13.39	105	771597	22.88	ug/l	99
86) p-Isopropyltoluene	13.51	119	682429	22.86	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	338621	21.06	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	339691	21.30	ug/l	99
89) n-Butylbenzene	13.83	91	650262	23.51	ug/l	99
90) Hexachloroethane	14.10	117	101777	20.53	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	301212	21.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16682	22.07	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	207268	22.05	ug/l	99
94) Hexachlorobutadiene	15.25	225	130474	22.32	ug/l	98
95) Naphthalene	15.38	128	339805	23.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	176631	21.96	ug/l	99

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

