

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001124.D
 Acq On : 29 Jan 2018 17:56
 Operator : JC/SY
 Sample : VW0129SBS01
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
 APPROVED

sam
 1/30/2018 5:58:48 PM

Quant Time: Jan 30 16:46:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	378202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	345532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129166	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.88	113	115242	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.33	98	465224	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.63	95	170015	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	45735	19.89	ug/l	100
3) Chloromethane	2.22	50	40057	19.95	ug/l	95
4) Vinyl Chloride	2.36	62	40069	20.04	ug/l	98
5) Bromomethane	2.73	94	30326	22.26	ug/l	95
6) Chloroethane	2.89	64	23593	20.79	ug/l	99
7) Trichlorofluoromethane	3.25	101	78052	21.01	ug/l	99
8) Diethyl Ether	3.68	74	20268	20.96	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	47614	19.27	ug/l	98
10) Methyl Iodide	4.26	142	47819	18.32	ug/l	99
11) Tert butyl alcohol	5.20	59	24489m	115.57	ug/l	
12) 1,1-Dichloroethene	4.03	96	40310	18.67	ug/l	97
13) Acrolein	3.89	56	31262	91.86	ug/l	99
14) Allyl chloride	4.66	41	65876	20.42	ug/l	99
15) Acrylonitrile	5.37	53	75283	114.70	ug/l	99
16) Acetone	4.12	43	75361	108.68	ug/l	93
17) Carbon Disulfide	4.36	76	131021	19.54	ug/l	99
18) Methyl Acetate	4.68	43	37242	22.75	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	115047	20.59	ug/l	95
20) Methylene Chloride	4.90	84	51068	20.84	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	48709	20.20	ug/l	97
22) Diisopropyl ether	6.31	45	128384	20.77	ug/l	98
23) Vinyl Acetate	6.26	43	364988	98.58	ug/l	97
24) 1,1-Dichloroethane	6.21	63	81595	20.23	ug/l	98
25) 2-Butanone	7.18	43	103653	113.88	ug/l	96
26) 2,2-Dichloropropane	7.17	77	79745	19.99	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	51737	20.12	ug/l	99
28) Bromochloromethane	7.51	49	33236	20.28	ug/l	97
29) Tetrahydrofuran	7.53	42	60319	116.04	ug/l	99
30) Chloroform	7.68	83	88349	20.22	ug/l	99
31) Cyclohexane	7.95	56	78295	20.01	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	85025	20.56	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69514	20.36	ug/l	100
37) Ethyl Acetate	7.26	43	42230	23.39	ug/l	100
38) Carbon Tetrachloride	8.07	117	76569	20.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82236	20.40	ug/l	99
40) Benzene	8.32	78	191684	20.28	ug/l	99
41) Methacrylonitrile	7.49	41	23831	23.80	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59986	20.18	ug/l	100
43) Isopropyl Acetate	8.43	43	67609	21.77	ug/l	100
44) Trichloroethene	9.09	130	57762	20.35	ug/l	95
45) 1,2-Dichloropropane	9.37	63	46328	20.35	ug/l	97
46) Dibromomethane	9.46	93	28192	19.80	ug/l	95
47) Bromodichloromethane	9.65	83	64822	20.13	ug/l	98
48) Methyl methacrylate	9.45	41	32044	21.59	ug/l	99
49) 1,4-Dioxane	9.45	88	12224	481.88	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	197695	116.51	ug/l	99
52) Toluene	10.40	92	124905	20.58	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	65188	20.06	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	71953	19.83	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41710	20.55	ug/l	96
56) Ethyl methacrylate	10.66	69	49289	20.72	ug/l	98
57) 1,3-Dichloropropane	10.94	76	67698	20.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	110239	86.59	ug/l	100
59) 2-Hexanone	10.98	43	147561	114.95	ug/l	99
60) Dibromochloromethane	11.13	129	49659	20.08	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42418	20.73	ug/l	99
64) Tetrachloroethene	10.87	164	55014	19.80	ug/l	98
65) Chlorobenzene	11.66	112	140092	20.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	51400	20.20	ug/l	98
67) Ethyl Benzene	11.74	91	235101	20.21	ug/l	99
68) m/p-Xylenes	11.85	106	188557	41.60	ug/l	97
69) o-Xylene	12.18	106	85489	20.45	ug/l	99
70) Styrene	12.20	104	141788	20.64	ug/l	99
71) Bromoform	12.36	173	34979	21.27	ug/l #	97
73) Isopropylbenzene	12.48	105	239576	20.11	ug/l	100
74) N-amyl acetate	12.29	43	59721	21.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	53157	21.82	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	38467m	19.96	ug/l	
77) Bromobenzene	12.76	156	62347	20.16	ug/l	98
78) n-propylbenzene	12.82	91	293427	20.57	ug/l	100
79) 2-Chlorotoluene	12.91	91	165987	20.34	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	208292	20.44	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14783	20.17	ug/l	98
82) 4-Chlorotoluene	13.01	91	176949	20.34	ug/l	99
83) tert-Butylbenzene	13.23	119	182483	20.27	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	214572	20.70	ug/l	98
85) sec-Butylbenzene	13.40	105	261092	20.51	ug/l	100
86) p-Isopropyltoluene	13.52	119	233702	20.64	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123362	20.20	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	124147	20.23	ug/l	99
89) n-Butylbenzene	13.84	91	216352	20.51	ug/l	100
90) Hexachloroethane	14.11	117	42316	20.04	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	113480	20.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10711	21.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	85050	20.68	ug/l	100
94) Hexachlorobutadiene	15.26	225	54489	21.42	ug/l	97
95) Naphthalene	15.39	128	175005	21.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	80289	21.17	ug/l	98

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

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