

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001135.D
 Acq On : 29 Jan 2018 22:28
 Operator : JC/SY
 Sample : VW0129SBS01
 Misc : 5.0G/5.0ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
 APPROVED

sam
 1/30/2018 5:58:56 PM

Quant Time: Jan 30 16:45:57 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	278402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	364310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	143789	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	125437	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	10.33	98	522304	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
62) 4-Bromofluorobenzene	12.63	95	190973	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43802	18.57	ug/l	96
3) Chloromethane	2.22	50	41178	19.98	ug/l	98
4) Vinyl Chloride	2.36	62	38143	18.59	ug/l	100
5) Bromomethane	2.72	94	29177	20.46	ug/l	98
6) Chloroethane	2.89	64	21494	18.46	ug/l	96
7) Trichlorofluoromethane	3.24	101	72528	19.02	ug/l	95
8) Diethyl Ether	3.68	74	19898	20.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	51768	20.41	ug/l	99
10) Methyl Iodide	4.26	142	38294	14.30	ug/l	99
11) Tert butyl alcohol	5.20	59	23137	106.40	ug/l	98
12) 1,1-Dichloroethene	4.02	96	42529	19.19	ug/l	96
13) Acrolein	3.89	56	33409	95.66	ug/l	98
14) Allyl chloride	4.66	41	63161	19.08	ug/l	98
15) Acrylonitrile	5.37	53	70637	104.87	ug/l	99
16) Acetone	4.13	43	71726	100.79	ug/l	100
17) Carbon Disulfide	4.35	76	129782	18.86	ug/l	98
18) Methyl Acetate	4.67	43	33698	20.02	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	116392	20.30	ug/l	97
20) Methylene Chloride	4.90	84	52577	20.91	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	48947	19.78	ug/l	98
22) Diisopropyl ether	6.32	45	131073	20.67	ug/l	98
23) Vinyl Acetate	6.26	43	323374	85.10	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82994	20.05	ug/l	98
25) 2-Butanone	7.18	43	94026	100.66	ug/l	97
26) 2,2-Dichloropropane	7.17	77	74631	18.23	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	53870	20.41	ug/l	98
28) Bromochloromethane	7.51	49	34991	20.80	ug/l	100
29) Tetrahydrofuran	7.53	42	56677	106.25	ug/l	99
30) Chloroform	7.67	83	91715	20.45	ug/l	98
31) Cyclohexane	7.95	56	76350	19.01	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	83923	19.78	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67972	19.26	ug/l	99
37) Ethyl Acetate	7.26	43	41051	22.00	ug/l	98
38) Carbon Tetrachloride	8.07	117	74759	18.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80810	19.39	ug/l	98
40) Benzene	8.32	78	194673	19.92	ug/l	99
41) Methacrylonitrile	7.49	41	19512	18.85	ug/l	94
42) 1,2-Dichloroethane	8.40	62	63054	20.52	ug/l	98
43) Isopropyl Acetate	8.43	43	66325	20.66	ug/l	98
44) Trichloroethene	9.09	130	57700	19.66	ug/l	100
45) 1,2-Dichloropropane	9.37	63	47965	20.38	ug/l	100
46) Dibromomethane	9.46	93	29065	19.75	ug/l	98
47) Bromodichloromethane	9.65	83	65876	19.78	ug/l	100
48) Methyl methacrylate	9.45	41	32837	21.40	ug/l	97
49) 1,4-Dioxane	9.45	88	11827	450.99	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	188953	107.71	ug/l	99
52) Toluene	10.40	92	128110	20.41	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	64730	19.27	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	72207	19.25	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	42427	20.22	ug/l	98
56) Ethyl methacrylate	10.65	69	48292	19.63	ug/l	98
57) 1,3-Dichloropropane	10.94	76	69180	20.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	118212	88.94	ug/l	99
59) 2-Hexanone	10.98	43	138161	104.11	ug/l	99
60) Dibromochloromethane	11.13	129	50991	19.95	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43122	20.38	ug/l	100
64) Tetrachloroethene	10.87	164	62706	21.41	ug/l	99
65) Chlorobenzene	11.66	112	146416	19.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	53311	19.87	ug/l	99
67) Ethyl Benzene	11.74	91	240118	19.58	ug/l	98
68) m/p-Xylenes	11.85	106	192956	40.38	ug/l	97
69) o-Xylene	12.18	106	86619	19.66	ug/l	98
70) Styrene	12.19	104	147585	20.38	ug/l	99
71) Bromoform	12.36	173	35325	20.38	ug/l #	98
73) Isopropylbenzene	12.48	105	246691	19.55	ug/l	100
74) N-amyl acetate	12.29	43	59131	20.52	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	52577	20.38	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	39629m	19.41	ug/l	
77) Bromobenzene	12.76	156	65249	19.92	ug/l	98
78) n-propylbenzene	12.82	91	296218	19.61	ug/l	100
79) 2-Chlorotoluene	12.91	91	171634	19.86	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	214344	19.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12129	15.62	ug/l	100
82) 4-Chlorotoluene	13.00	91	183008	19.86	ug/l	99
83) tert-Butylbenzene	13.22	119	186837	19.60	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	220577	20.09	ug/l	99
85) sec-Butylbenzene	13.40	105	264184	19.59	ug/l	100
86) p-Isopropyltoluene	13.52	119	236068	19.69	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127631	19.74	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	127629	19.64	ug/l	99
89) n-Butylbenzene	13.84	91	219256	19.63	ug/l	99
90) Hexachloroethane	14.11	117	43227	19.33	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	119417	20.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	10727	20.61	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	88508	20.32	ug/l	99
94) Hexachlorobutadiene	15.26	225	54242	20.14	ug/l	99
95) Naphthalene	15.39	128	174643	20.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.58	180	82424	20.52	ug/l	98

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

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