

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008015.D
 Acq On : 03 Jan 2019 12:43
 Operator : SY/AP
 Sample : VW0103SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0103SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 12:02:13 PM

Quant Time: Jan 04 03:25:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	104356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40161	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	7.88	113	36217	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.32	98	138314	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
62) 4-Bromofluorobenzene	12.62	95	53406	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11345	18.540	ug/l	90
3) Chloromethane	2.21	50	8406	18.517	ug/l	93
4) Vinyl Chloride	2.37	62	11263	19.210	ug/l	100
5) Bromomethane	2.78	94	6984	18.749	ug/l	90
6) Chloroethane	2.93	64	5696	19.008	ug/l	96
7) Trichlorofluoromethane	3.26	101	10775	18.308	ug/l	92
8) Diethyl Ether	3.68	74	5898	19.511	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	13860	19.817	ug/l	98
10) Methyl Iodide	4.27	142	21672	19.260	ug/l	98
11) Tert butyl alcohol	5.17	59	5167	107.835	ug/l #	90
12) 1,1-Dichloroethene	4.04	96	13159	19.656	ug/l	82
13) Acrolein	3.89	56	3171	97.674	ug/l	100
14) Allyl chloride	4.67	41	16905	18.639	ug/l	97
15) Acrylonitrile	5.37	53	11209	100.817	ug/l	98
16) Acetone	4.12	43	11389	99.758	ug/l	90
17) Carbon Disulfide	4.37	76	37777	18.473	ug/l	99
18) Methyl Acetate	4.66	43	5715	19.303	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	20227	19.199	ug/l	98
20) Methylene Chloride	4.91	84	17032	22.903	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	13895	19.076	ug/l	99
22) Diisopropyl ether	6.31	45	32184	19.770	ug/l	97
23) Vinyl Acetate	6.26	43	89175	97.906	ug/l	99
24) 1,1-Dichloroethane	6.22	63	23117	19.112	ug/l #	96
25) 2-Butanone	7.17	43	13361	99.329	ug/l	97
26) 2,2-Dichloropropane	7.17	77	19856	19.925	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	15035	19.378	ug/l	98
28) Bromochloromethane	7.51	49	7937	20.416	ug/l #	100
29) Tetrahydrofuran	7.53	42	7884	94.359	ug/l	97
30) Chloroform	7.67	83	26502	19.550	ug/l	98
31) Cyclohexane	7.95	56	20924	18.560	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	24910	19.204	ug/l	98
36) 1,1-Dichloropropene	8.09	75	20209	19.631	ug/l	98
37) Ethyl Acetate	7.26	43	5950	19.242	ug/l	98
38) Carbon Tetrachloride	8.07	117	23919	19.388	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	24266	18.911	ug/l	98
40) Benzene	8.32	78	53775	19.801	ug/l	100
41) Methacrylonitrile	7.49	41	3367	18.520	ug/l	93
42) 1,2-Dichloroethane	8.40	62	17605	19.456	ug/l	99
43) Isopropyl Acetate	8.43	43	12807	20.729	ug/l	98
44) Trichloroethene	9.09	130	16076	20.060	ug/l	94
45) 1,2-Dichloropropane	9.37	63	12097	20.579	ug/l	93
46) Dibromomethane	9.46	93	6662	19.384	ug/l	99
47) Bromodichloromethane	9.64	83	18786	19.516	ug/l	99
48) Methyl methacrylate	9.44	41	5879	18.872	ug/l	97
49) 1,4-Dioxane	9.45	88	2034	399.925	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	28419	99.370	ug/l	99
52) Toluene	10.39	92	34938	19.487	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	18302	19.773	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	20664	20.006	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	9307	20.001	ug/l	95
56) Ethyl methacrylate	10.65	69	10205	19.399	ug/l	98
57) 1,3-Dichloropropane	10.93	76	15657	19.802	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.93	63	28132	112.761	ug/l	98
59) 2-Hexanone	10.97	43	20174	102.180	ug/l	98
60) Dibromochloromethane	11.13	129	12374	19.427	ug/l	99
61) 1,2-Dibromoethane	11.24	107	9289	19.948	ug/l	96
64) Tetrachloroethene	10.86	164	12844	19.677	ug/l	96
65) Chlorobenzene	11.66	112	39656	19.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	14749	20.166	ug/l	98
67) Ethyl Benzene	11.73	91	72794	20.307	ug/l	100
68) m/p-Xylenes	11.84	106	54741	39.499	ug/l	98
69) o-Xylene	12.17	106	25167	19.516	ug/l	99
70) Styrene	12.18	104	41942	19.955	ug/l	99
71) Bromoform	12.35	173	6782	20.015	ug/l #	96
73) Isopropylbenzene	12.47	105	74962	19.345	ug/l	100
74) N-amyl acetate	12.27	43	11681	19.365	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	9588	19.446	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	7838m	20.217	ug/l	
77) Bromobenzene	12.75	156	15945	19.144	ug/l	99
78) n-propylbenzene	12.81	91	86633	19.283	ug/l	99
79) 2-Chlorotoluene	12.90	91	50783	19.557	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	64836	19.438	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	3238	19.751	ug/l	95
82) 4-Chlorotoluene	12.99	91	52863	19.146	ug/l	99
83) tert-Butylbenzene	13.21	119	56859	19.484	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	65688	19.443	ug/l	100
85) sec-Butylbenzene	13.39	105	77908	19.407	ug/l	99
86) p-Isopropyltoluene	13.50	119	70998	19.607	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	33310	19.821	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33318	20.025	ug/l	98
89) n-Butylbenzene	13.83	91	65929	19.905	ug/l	99
90) Hexachloroethane	14.10	117	12199	19.415	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	29461	19.949	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1975	19.736	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	20008	19.290	ug/l	99
94) Hexachlorobutadiene	15.24	225	11763	19.642	ug/l	99
95) Naphthalene	15.38	128	34835	19.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	17066	19.997	ug/l	97

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

