

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006629.D
 Acq On : 05 Nov 2018 12:14
 Operator : SY/AP
 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:13:25 AM

Quant Time: Nov 05 14:46:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	275030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379658	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112648	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
35) Dibromofluoromethane	7.88	113	120565	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.33	98	474114	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	167456	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32265	22.630	ug/l	99
3) Chloromethane	2.21	50	35584	20.172	ug/l	97
4) Vinyl Chloride	2.37	62	52985	21.511	ug/l	99
5) Bromomethane	2.78	94	43148	20.873	ug/l	93
6) Chloroethane	2.93	64	34387	19.980	ug/l	93
7) Trichlorofluoromethane	3.26	101	50376	23.160	ug/l	96
8) Diethyl Ether	3.68	74	22912	19.270	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	52549	22.624	ug/l	99
10) Methyl Iodide	4.26	142	85287	20.251	ug/l	99
11) Tert butyl alcohol	5.17	59	15271	119.887	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	47780	21.298	ug/l	97
13) Acrolein	3.89	56	15624	97.524	ug/l	97
14) Allyl chloride	4.67	41	61527	21.011	ug/l	99
15) Acrylonitrile	5.37	53	43456	101.930	ug/l	99
16) Acetone	4.12	43	54660	143.205	ug/l	97
17) Carbon Disulfide	4.37	76	143861	22.535	ug/l	99
18) Methyl Acetate	4.67	43	21181	19.298	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	67815	20.308	ug/l	97
20) Methylene Chloride	4.92	84	56786	19.288	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	53153	20.939	ug/l	97
22) Diisopropyl ether	6.31	45	123310	20.199	ug/l	98
23) Vinyl Acetate	6.26	43	342906	101.289	ug/l	100
24) 1,1-Dichloroethane	6.21	63	84768	20.488	ug/l	100
25) 2-Butanone	7.17	43	62592	114.920	ug/l	97
26) 2,2-Dichloropropane	7.17	77	60096	24.112	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57837	20.365	ug/l	99
28) Bromochloromethane	7.51	49	32511	19.789	ug/l	99
29) Tetrahydrofuran	7.53	42	34755	101.452	ug/l	98
30) Chloroform	7.68	83	91919	20.263	ug/l	99
31) Cyclohexane	7.96	56	80770	21.449	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	83682	21.801	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73552	22.030	ug/l	100
37) Ethyl Acetate	7.26	43	25203	21.783	ug/l	97
38) Carbon Tetrachloride	8.07	117	79602	22.817	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96541	22.786	ug/l	97
40) Benzene	8.33	78	204060	21.518	ug/l	99
41) Methacrylonitrile	7.49	41	14659	20.662	ug/l	94
42) 1,2-Dichloroethane	8.40	62	55774	20.508	ug/l	100
43) Isopropyl Acetate	8.43	43	48175	20.866	ug/l	99
44) Trichloroethene	9.10	130	62575	21.383	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47417	21.486	ug/l	98
46) Dibromomethane	9.46	93	26627	20.525	ug/l	100
47) Bromodichloromethane	9.65	83	63493	21.078	ug/l	99
48) Methyl methacrylate	9.44	41	22633	20.347	ug/l	99
49) 1,4-Dioxane	9.45	88	8109	427.105	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	121386	102.370	ug/l	99
52) Toluene	10.39	92	134240	21.105	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	62138	21.434	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	73316	21.401	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37895	20.587	ug/l	98
56) Ethyl methacrylate	10.65	69	41458	19.816	ug/l	100
57) 1,3-Dichloropropane	10.94	76	61664	20.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	97808	96.173	ug/l	99
59) 2-Hexanone	10.98	43	94527	117.373	ug/l	98
60) Dibromochloromethane	11.13	129	46565	21.351	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37464	20.495	ug/l	100
64) Tetrachloroethene	10.87	164	57515	20.756	ug/l	98
65) Chlorobenzene	11.66	112	156493	21.394	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	55016	21.398	ug/l	98
67) Ethyl Benzene	11.74	91	264228	21.611	ug/l	99
68) m/p-Xylenes	11.85	106	213711	43.750	ug/l	99
69) o-Xylene	12.17	106	99376	21.369	ug/l	99
70) Styrene	12.19	104	158020	20.842	ug/l	99
71) Bromoform	12.35	173	28964	21.252	ug/l #	99
73) Isopropylbenzene	12.47	105	280437	21.293	ug/l	100
74) N-amyl acetate	12.28	43	44514	19.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	43046	20.694	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34459m	22.091	ug/l	
77) Bromobenzene	12.75	156	71588	20.994	ug/l	98
78) n-propylbenzene	12.81	91	329249	21.734	ug/l	100
79) 2-Chlorotoluene	12.90	91	181819	20.913	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	236905	21.411	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11975	21.484	ug/l	99
82) 4-Chlorotoluene	12.99	91	194974	21.198	ug/l	100
83) tert-Butylbenzene	13.21	119	210957	21.380	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	241995	21.323	ug/l	100
85) sec-Butylbenzene	13.39	105	301629	21.826	ug/l	100
86) p-Isopropyltoluene	13.51	119	273779	21.772	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	142941	21.285	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140986	21.180	ug/l	99
89) n-Butylbenzene	13.83	91	247035	22.131	ug/l	100
90) Hexachloroethane	14.10	117	45931	22.224	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	125186	20.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6658	19.726	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95292	21.215	ug/l	100
94) Hexachlorobutadiene	15.24	225	62170	22.208	ug/l	99
95) Naphthalene	15.38	128	142618	19.756	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	82155	20.811	ug/l	98

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

