

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007000.D
 Acq On : 21 Nov 2018 15:15
 Operator : VAY/AP
 Sample : VW1122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:49 PM

Quant Time: Nov 21 16:49:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	56055	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
35) Dibromofluoromethane	7.88	113	52073	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.32	98	227946	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	85618	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	29271	24.941	ug/l	99
3) Chloromethane	2.21	50	22646	23.154	ug/l	95
4) Vinyl Chloride	2.36	62	22579	23.464	ug/l	99
5) Bromomethane	2.78	94	11280	21.962	ug/l	100
6) Chloroethane	2.92	64	11695	22.047	ug/l	91
7) Trichlorofluoromethane	3.26	101	43505	22.992	ug/l	94
8) Diethyl Ether	3.68	74	12698	20.826	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	28818	23.492	ug/l	99
10) Methyl Iodide	4.28	142	26703	19.016	ug/l	99
11) Tert butyl alcohol	5.21	59	6947	91.702	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	24103	22.403	ug/l	99
13) Acrolein	3.90	56	7822	100.541	ug/l	96
14) Allyl chloride	4.67	41	38602	21.632	ug/l	99
15) Acrylonitrile	5.38	53	22161	96.706	ug/l	98
16) Acetone	4.15	43	16853	99.747	ug/l	98
17) Carbon Disulfide	4.39	76	76629	22.030	ug/l	99
18) Methyl Acetate	4.68	43	10520	17.484	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	56698	20.183	ug/l	100
20) Methylene Chloride	4.92	84	29399	18.424	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	27409	21.869	ug/l	99
22) Diisopropyl ether	6.31	45	72994	21.016	ug/l	97
23) Vinyl Acetate	6.26	43	193231	104.762	ug/l	98
24) 1,1-Dichloroethane	6.22	63	44652	21.132	ug/l	99
25) 2-Butanone	7.18	43	27735	95.843	ug/l	94
26) 2,2-Dichloropropane	7.17	77	44606	23.475	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	28242	21.160	ug/l	97
28) Bromochloromethane	7.51	49	15054	19.062	ug/l #	98
29) Tetrahydrofuran	7.54	42	17380	92.735	ug/l	99
30) Chloroform	7.68	83	46210	20.585	ug/l	96
31) Cyclohexane	7.95	56	52089	23.241	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	47091	23.290	ug/l	98
36) 1,1-Dichloropropene	8.09	75	42474	23.459	ug/l	98
37) Ethyl Acetate	7.26	43	13172	20.076	ug/l	96
38) Carbon Tetrachloride	8.07	117	40554	23.390	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50782	22.412	ug/l	97
40) Benzene	8.32	78	105672	21.621	ug/l	100
41) Methacrylonitrile	7.49	41	8601	21.109	ug/l	89
42) 1,2-Dichloroethane	8.40	62	30012	21.151	ug/l	99
43) Isopropyl Acetate	8.43	43	24509	19.602	ug/l	99
44) Trichloroethene	9.09	130	30556	22.303	ug/l	97
45) 1,2-Dichloropropane	9.37	63	26290	21.821	ug/l	100
46) Dibromomethane	9.46	93	12223	20.259	ug/l	99
47) Bromodichloromethane	9.65	83	34136	21.474	ug/l	96
48) Methyl methacrylate	9.43	41	12613	20.921	ug/l	90
49) 1,4-Dioxane	9.48	88	3378	376.697	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	59888	94.781	ug/l	99
52) Toluene	10.39	92	71724	21.564	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	31518	20.468	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	39557	21.263	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	17962	20.235	ug/l	98
56) Ethyl methacrylate	10.65	69	20234	19.637	ug/l	100
57) 1,3-Dichloropropane	10.93	76	30416	20.447	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	50034	92.926	ug/l	99
59) 2-Hexanone	10.97	43	40852	94.414	ug/l	99
60) Dibromochloromethane	11.13	129	20427	20.195	ug/l	99
61) 1,2-Dibromoethane	11.24	107	16665	20.523	ug/l	100
64) Tetrachloroethene	10.87	164	23580	21.701	ug/l	97
65) Chlorobenzene	11.66	112	76934	21.824	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	23288	21.838	ug/l	99
67) Ethyl Benzene	11.73	91	142546	22.011	ug/l	99
68) m/p-Xylenes	11.84	106	111550	43.904	ug/l	99
69) o-Xylene	12.17	106	51793	21.619	ug/l	99
70) Styrene	12.18	104	81257	21.310	ug/l	99
71) Bromoform	12.35	173	10163	20.230	ug/l #	99
73) Isopropylbenzene	12.47	105	145429	22.187	ug/l	100
74) N-amyl acetate	12.27	43	21761	19.809	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	17434	19.986	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10693m	16.135	ug/l	
77) Bromobenzene	12.75	156	29747	21.130	ug/l	98
78) n-propylbenzene	12.81	91	175433	22.096	ug/l	99
79) 2-Chlorotoluene	12.90	91	99949	21.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	122270	21.571	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5133	19.445	ug/l	92
82) 4-Chlorotoluene	12.99	91	104537	21.760	ug/l	99
83) tert-Butylbenzene	13.21	119	106892	21.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	121142	21.452	ug/l	98
85) sec-Butylbenzene	13.39	105	152102	21.940	ug/l	100
86) p-Isopropyltoluene	13.51	119	133159	21.772	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	62070	21.596	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	61081	21.315	ug/l	99
89) n-Butylbenzene	13.83	91	125111	21.737	ug/l	100
90) Hexachloroethane	14.10	117	19487	21.824	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	52903	21.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2710	18.395	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32615	19.640	ug/l	98
94) Hexachlorobutadiene	15.24	225	18950	20.991	ug/l	99
95) Naphthalene	15.38	128	54558	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27179	19.727	ug/l	99

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

