

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006823.D
 Acq On : 13 Nov 2018 00:11
 Operator : SY/AP
 Sample : VW1112SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Manual Integrations
 APPROVED

apatel
 11/13/2018 3:57:44 PM

Quant Time: Nov 13 03:26:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111545	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.89	113	114806	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.33	98	446794	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.62	95	169018	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	51430	22.378	ug/l	98
3) Chloromethane	2.21	50	62260	24.029	ug/l	99
4) Vinyl Chloride	2.35	62	62265	22.387	ug/l	99
5) Bromomethane	2.77	94	42934	22.945	ug/l	94
6) Chloroethane	2.92	64	41104	22.902	ug/l	98
7) Trichlorofluoromethane	3.26	101	79120	21.551	ug/l	94
8) Diethyl Ether	3.69	74	25885	24.027	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52245	20.987	ug/l	100
10) Methyl Iodide	4.27	142	69002	19.777	ug/l	99
11) Tert butyl alcohol	5.21	59	16704	125.039	ug/l	99
12) 1,1-Dichloroethene	4.04	96	45512	21.643	ug/l	99
13) Acrolein	3.90	56	16693	119.476	ug/l	98
14) Allyl chloride	4.68	41	60106	21.732	ug/l	98
15) Acrylonitrile	5.38	53	49903	122.313	ug/l	100
16) Acetone	4.15	43	35743	122.293	ug/l	100
17) Carbon Disulfide	4.38	76	145355	21.858	ug/l	99
18) Methyl Acetate	4.68	43	24640	24.646	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	126109	25.261	ug/l	98
20) Methylene Chloride	4.92	84	65415	21.636	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	54781	22.089	ug/l	100
22) Diisopropyl ether	6.32	45	140575	24.473	ug/l	97
23) Vinyl Acetate	6.26	43	403156	124.504	ug/l	99
24) 1,1-Dichloroethane	6.22	63	87170	22.883	ug/l	99
25) 2-Butanone	7.18	43	61220	123.857	ug/l	97
26) 2,2-Dichloropropane	7.17	77	76244	19.892	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61220	23.155	ug/l	98
28) Bromochloromethane	7.52	49	31185	23.403	ug/l	100
29) Tetrahydrofuran	7.54	42	37816	119.550	ug/l	99
30) Chloroform	7.68	83	96862	23.287	ug/l	99
31) Cyclohexane	7.96	56	84672	21.714	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	90511	22.544	ug/l	100
36) 1,1-Dichloropropene	8.09	75	78991	21.590	ug/l	100
37) Ethyl Acetate	7.26	43	29453	24.619	ug/l	100
38) Carbon Tetrachloride	8.07	117	82052	20.635	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91401	19.256	ug/l	99
40) Benzene	8.33	78	222175	21.839	ug/l	99
41) Methacrylonitrile	7.49	41	18158	24.719	ug/l	96
42) 1,2-Dichloroethane	8.40	62	62335	22.870	ug/l	100
43) Isopropyl Acetate	8.43	43	55038	23.655	ug/l	99
44) Trichloroethene	9.10	130	69896	21.774	ug/l	98
45) 1,2-Dichloropropane	9.37	63	54655	23.051	ug/l	99
46) Dibromomethane	9.46	93	29984	22.718	ug/l	98
47) Bromodichloromethane	9.65	83	74433	22.737	ug/l	99
48) Methyl methacrylate	9.44	41	24220	21.232	ug/l	95
49) 1,4-Dioxane	9.48	88	9299	466.341	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	134806	115.548	ug/l	97
52) Toluene	10.39	92	149178	20.684	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71251	22.108	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	85757	22.440	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	46386	23.684	ug/l	96
56) Ethyl methacrylate	10.65	69	46305	21.573	ug/l	99
57) 1,3-Dichloropropane	10.94	76	72886	23.499	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	124932	116.216	ug/l	98
59) 2-Hexanone	10.97	43	90431	112.375	ug/l	100
60) Dibromochloromethane	11.13	129	54256	22.640	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43621	23.451	ug/l	98
64) Tetrachloroethene	10.87	164	64072	20.882	ug/l	97
65) Chlorobenzene	11.66	112	173369	20.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60185	21.836	ug/l	100
67) Ethyl Benzene	11.74	91	289953	20.023	ug/l	97
68) m/p-Xylenes	11.85	106	241258	40.720	ug/l	98
69) o-Xylene	12.17	106	111092	20.147	ug/l	96
70) Styrene	12.19	104	183179	20.755	ug/l	100
71) Bromoform	12.35	173	32967	21.916	ug/l #	100
73) Isopropylbenzene	12.47	105	299424	19.743	ug/l	99
74) N-amyl acetate	12.28	43	50208	21.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47205	22.501	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	35978m	22.850	ug/l	
77) Bromobenzene	12.75	156	80157	20.964	ug/l	99
78) n-propylbenzene	12.81	91	356694	19.928	ug/l	99
79) 2-Chlorotoluene	12.90	91	204671	20.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	263771	20.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12635	19.849	ug/l	97
82) 4-Chlorotoluene	12.99	91	219916	20.525	ug/l	99
83) tert-Butylbenzene	13.21	119	228737	19.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	271778	20.484	ug/l	99
85) sec-Butylbenzene	13.39	105	318667	19.514	ug/l	99
86) p-Isopropyltoluene	13.51	119	293180	19.738	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	158232	20.305	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	159183	20.647	ug/l	99
89) n-Butylbenzene	13.83	91	260586	19.196	ug/l	100
90) Hexachloroethane	14.10	117	46416	19.529	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	141426	20.840	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7203	21.445	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	102046	19.917	ug/l	98
94) Hexachlorobutadiene	15.24	225	62954	19.391	ug/l	99
95) Naphthalene	15.38	128	157661	20.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	90358	20.550	ug/l	99

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

