

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003897.D
 Acq On : 12 Jul 2018 15:22
 Operator : SY/AP
 Sample : VW0712SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Manual Integrations
 APPROVED

apatel
 7/13/2018 9:31:19 AM

Quant Time: Jul 12 15:42:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141090	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	7.88	113	125989	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.33	98	501920	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.62	95	178240	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18475	16.663	ug/l	98
3) Chloromethane	2.21	50	41814	19.865	ug/l	99
4) Vinyl Chloride	2.36	62	58071	20.917	ug/l	98
5) Bromomethane	2.78	94	34711	17.712	ug/l	95
6) Chloroethane	2.92	64	36405	21.865	ug/l	93
7) Trichlorofluoromethane	3.25	101	28170	25.117	ug/l	98
8) Diethyl Ether	3.68	74	22645	19.702	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	50869	23.323	ug/l	99
10) Methyl Iodide	4.26	142	71752	22.101	ug/l	99
11) Tert butyl alcohol	5.24	59	14492	89.698	ug/l #	70
12) 1,1-Dichloroethene	4.03	96	49557	23.140	ug/l	90
13) Acrolein	3.89	56	16995	70.247	ug/l	98
14) Allyl chloride	4.65	41	82709	22.214	ug/l	100
15) Acrylonitrile	5.37	53	53578	93.084	ug/l	98
16) Acetone	4.15	43	56601	109.428	ug/l	98
17) Carbon Disulfide	4.37	76	157113	22.377	ug/l	96
18) Methyl Acetate	4.67	43	25042	17.172	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	85328	19.282	ug/l	99
20) Methylene Chloride	4.91	84	64643	23.303	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	52836	20.840	ug/l	100
22) Diisopropyl ether	6.31	45	165671	20.239	ug/l	98
23) Vinyl Acetate	6.26	43	473777	94.814	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100634	20.327	ug/l	99
25) 2-Butanone	7.18	43	72837	89.906	ug/l	94
26) 2,2-Dichloropropane	7.17	77	62083	23.120	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56435	20.129	ug/l	99
28) Bromochloromethane	7.51	49	42524	19.281	ug/l	99
29) Tetrahydrofuran	7.54	42	44727	85.882	ug/l	99
30) Chloroform	7.68	83	99003	19.603	ug/l	98
31) Cyclohexane	7.95	56	92482	21.258	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	81547	21.216	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82136	22.222	ug/l	99
37) Ethyl Acetate	7.26	43	32932	18.311	ug/l	98
38) Carbon Tetrachloride	8.07	117	76914	21.886	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92677	22.894	ug/l	99
40) Benzene	8.32	78	224375	21.234	ug/l	100
41) Methacrylonitrile	7.49	41	20043	19.374	ug/l	91
42) 1,2-Dichloroethane	8.40	62	67326	19.687	ug/l	100
43) Isopropyl Acetate	8.43	43	62509	18.339	ug/l	98
44) Trichloroethene	9.09	130	57392	21.544	ug/l	98
45) 1,2-Dichloropropane	9.37	63	56149	20.436	ug/l	95
46) Dibromomethane	9.46	93	28049	19.416	ug/l	98
47) Bromodichloromethane	9.65	83	71444	20.102	ug/l	99
48) Methyl methacrylate	9.44	41	29604	18.237	ug/l	96
49) 1,4-Dioxane	9.48	88	7491	346.944	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	161958	91.823	ug/l	99
52) Toluene	10.39	92	142940	21.815	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	71614	20.181	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	82543	20.606	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39095	19.485	ug/l	98
56) Ethyl methacrylate	10.65	69	45813	18.711	ug/l	97
57) 1,3-Dichloropropane	10.94	76	68594	19.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96782	84.286	ug/l	98
59) 2-Hexanone	10.98	43	113985	94.110	ug/l	98
60) Dibromochloromethane	11.13	129	45247	19.318	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36485	19.014	ug/l	98
64) Tetrachloroethene	10.87	164	50219	21.241	ug/l	97
65) Chlorobenzene	11.66	112	151601	21.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	51391	20.872	ug/l	99
67) Ethyl Benzene	11.74	91	269952	22.406	ug/l	98
68) m/p-Xylenes	11.85	106	207322	44.938	ug/l	99
69) o-Xylene	12.17	106	91471	21.487	ug/l	96
70) Styrene	12.19	104	156662	21.641	ug/l	100
71) Bromoform	12.35	173	26196	19.278	ug/l #	97
73) Isopropylbenzene	12.47	105	264930	22.571	ug/l	100
74) N-amyl acetate	12.28	43	59342	18.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46144	19.393	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30780m	18.085	ug/l	
77) Bromobenzene	12.76	156	60450	20.745	ug/l	99
78) n-propylbenzene	12.81	91	337087	22.878	ug/l	100
79) 2-Chlorotoluene	12.90	91	189544	22.392	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	228068	22.545	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14152	20.341	ug/l	99
82) 4-Chlorotoluene	12.99	91	198825	21.843	ug/l	99
83) tert-Butylbenzene	13.21	119	191104	22.906	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	233553	22.223	ug/l	99
85) sec-Butylbenzene	13.39	105	287272	23.017	ug/l	100
86) p-Isopropyltoluene	13.51	119	251410	23.053	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	127676	21.626	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	125901	21.207	ug/l	99
89) n-Butylbenzene	13.84	91	246982	23.023	ug/l	99
90) Hexachloroethane	14.10	117	43128	20.530	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	110663	20.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7516	18.248	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76651	21.311	ug/l	99
94) Hexachlorobutadiene	15.25	225	46181	22.447	ug/l	98
95) Naphthalene	15.38	128	124390	19.350	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65975	20.486	ug/l	100

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

