

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005693.D
 Acq On : 27 Sep 2018 12:17
 Operator : VA/AP
 Sample : VW0927SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0927SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 11:06:22 AM

Quant Time: Sep 28 01:50:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123069	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
35) Dibromofluoromethane	7.89	113	106155	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.33	98	434610	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	161946	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	30742	20.851	ug/l 94
3) Chloromethane	2.21	50	32730	18.123	ug/l 98
4) Vinyl Chloride	2.37	62	49059	22.725	ug/l 100
5) Bromomethane	2.79	94	30631	20.996	ug/l 99
6) Chloroethane	2.93	64	27693	19.992	ug/l 98
7) Trichlorofluoromethane	3.26	101	35864	21.241	ug/l 97
8) Diethyl Ether	3.68	74	22789	20.662	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46404	21.712	ug/l 99
10) Methyl Iodide	4.27	142	69897	21.265	ug/l 98
11) Tert butyl alcohol	5.22	59	13569	97.849	ug/l # 72
12) 1,1-Dichloroethene	4.03	96	43127	21.077	ug/l 99
13) Acrolein	3.90	56	9534	91.882	ug/l 98
14) Allyl chloride	4.67	41	73238	20.509	ug/l 98
15) Acrylonitrile	5.38	53	46003	93.943	ug/l 99
16) Acetone	4.14	43	50342	115.928	ug/l 97
17) Carbon Disulfide	4.37	76	134276	21.003	ug/l 98
18) Methyl Acetate	4.68	43	22028	17.560	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	64165	20.317	ug/l 99
20) Methylene Chloride	4.91	84	56216	23.038	ug/l 94
21) trans-1,2-Dichloroethene	5.43	96	46092	20.566	ug/l 94
22) Diisopropyl ether	6.32	45	141051	20.347	ug/l 98
23) Vinyl Acetate	6.26	43	389195	98.228	ug/l 100
24) 1,1-Dichloroethane	6.22	63	87187	20.357	ug/l 99
25) 2-Butanone	7.18	43	62877	97.813	ug/l 99
26) 2,2-Dichloropropane	7.17	77	65115	21.777	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	50788	20.546	ug/l 98
28) Bromochloromethane	7.51	49	30738	18.118	ug/l 96
29) Tetrahydrofuran	7.54	42	36265	90.302	ug/l 99
30) Chloroform	7.68	83	90040	20.363	ug/l 98
31) Cyclohexane	7.96	56	83408	20.327	ug/l 93
32) 1,1,1-Trichloroethane	7.87	97	82342	21.080	ug/l 98
36) 1,1-Dichloropropene	8.09	75	71298	21.322	ug/l 98
37) Ethyl Acetate	7.27	43	25526	18.140	ug/l 96
38) Carbon Tetrachloride	8.07	117	77083	21.512	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85006	21.547	ug/l	98
40) Benzene	8.33	78	200121	21.122	ug/l	98
41) Methacrylonitrile	7.49	41	15942	19.908	ug/l	100
42) 1,2-Dichloroethane	8.40	62	61484	20.269	ug/l	99
43) Isopropyl Acetate	8.43	43	52499	18.975	ug/l	97
44) Trichloroethene	9.10	130	51533	21.250	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47642	20.439	ug/l	98
46) Dibromomethane	9.46	93	23301	20.007	ug/l	98
47) Bromodichloromethane	9.65	83	62689	20.038	ug/l	99
48) Methyl methacrylate	9.44	41	25077	19.083	ug/l	98
49) 1,4-Dioxane	9.48	88	7268	392.522	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	129811	93.157	ug/l	100
52) Toluene	10.39	92	127083	21.497	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	63696	20.309	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	73476	20.909	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	34266	20.728	ug/l	98
56) Ethyl methacrylate	10.65	69	40924	20.053	ug/l	97
57) 1,3-Dichloropropane	10.94	76	59433	20.285	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91046	98.419	ug/l	98
59) 2-Hexanone	10.98	43	96643	102.093	ug/l	98
60) Dibromochloromethane	11.13	129	41402	20.727	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30821	19.996	ug/l	98
64) Tetrachloroethene	10.87	164	45679	21.098	ug/l	98
65) Chlorobenzene	11.66	112	138114	21.328	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	48629	20.865	ug/l	97
67) Ethyl Benzene	11.74	91	245453	21.354	ug/l	99
68) m/p-Xylenes	11.85	106	188522	43.411	ug/l	100
69) o-Xylene	12.17	106	86328	21.226	ug/l	100
70) Styrene	12.19	104	145034	21.190	ug/l	99
71) Bromoform	12.35	173	24727	19.987	ug/l #	99
73) Isopropylbenzene	12.47	105	251414	21.492	ug/l	99
74) N-amyl acetate	12.28	43	49740	18.778	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38313	19.718	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27559m	19.165	ug/l	
77) Bromobenzene	12.75	156	56841	20.731	ug/l	97
78) n-propylbenzene	12.81	91	305217	21.551	ug/l	99
79) 2-Chlorotoluene	12.90	91	174008	21.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	220720	21.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12277	19.230	ug/l	96
82) 4-Chlorotoluene	12.99	91	184147	21.270	ug/l	99
83) tert-Butylbenzene	13.21	119	185302	21.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224311	21.852	ug/l	99
85) sec-Butylbenzene	13.39	105	271616	21.915	ug/l	100
86) p-Isopropyltoluene	13.51	119	243019	21.876	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118994	21.225	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	118207	21.200	ug/l	100
89) n-Butylbenzene	13.83	91	232130	22.153	ug/l	98
90) Hexachloroethane	14.10	117	42598	21.156	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	104288	21.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6869	18.555	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76468	21.659	ug/l	99
94) Hexachlorobutadiene	15.25	225	49796	21.771	ug/l	99
95) Naphthalene	15.38	128	120229	20.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	66508	21.376	ug/l	100

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

