

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005063.D
 Acq On : 01 Sep 2018 04:27
 Operator : SY/AP
 Sample : VW0901SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBS01

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:37:24 AM

Quant Time: Sep 01 05:44:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	531235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	792797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	773346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	417149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	233338	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.89	113	240482	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.33	98	1100592	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	393077	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	88241	20.61	ug/l	97
3) Chloromethane	2.21	50	122192	19.67	ug/l	100
4) Vinyl Chloride	2.36	62	120889	20.01	ug/l	100
5) Bromomethane	2.76	94	87568	20.96	ug/l	99
6) Chloroethane	2.92	64	74373	19.78	ug/l	99
7) Trichlorofluoromethane	3.26	101	136087	20.03	ug/l	98
8) Diethyl Ether	3.68	74	49768	20.24	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95601	20.48	ug/l	99
10) Methyl Iodide	4.28	142	122108	19.99	ug/l	99
11) Tert butyl alcohol	5.18	59	34027	132.21	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	88202	20.53	ug/l	95
13) Acrolein	3.90	56	28822	100.84	ug/l	97
14) Allyl chloride	4.67	41	134468	20.03	ug/l	100
15) Acrylonitrile	5.37	53	100611	97.01	ug/l	99
16) Acetone	4.14	43	84599	95.79	ug/l	97
17) Carbon Disulfide	4.38	76	292317	19.53	ug/l	99
18) Methyl Acetate	4.68	43	55222	21.26	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	219665	21.06	ug/l	100
20) Methylene Chloride	4.92	84	138654	20.98	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	107723	20.58	ug/l	99
22) Diisopropyl ether	6.32	45	298899	21.15	ug/l	98
23) Vinyl Acetate	6.26	43	760875	102.52	ug/l	99
24) 1,1-Dichloroethane	6.23	63	180283	20.41	ug/l	99
25) 2-Butanone	7.18	43	147089	96.02	ug/l	96
26) 2,2-Dichloropropane	7.18	77	140550	19.37	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	117540	20.53	ug/l	99
28) Bromochloromethane	7.52	49	71510	20.12	ug/l	99
29) Tetrahydrofuran	7.54	42	75812	96.86	ug/l	99
30) Chloroform	7.68	83	183809	20.39	ug/l	99
31) Cyclohexane	7.96	56	176554	20.41	ug/l	94
32) 1,1,1-Trichloroethane	7.88	97	163653	20.85	ug/l	98
36) 1,1-Dichloropropene	8.09	75	156385	20.71	ug/l	98
37) Ethyl Acetate	7.26	43	54655	19.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	146013	20.34	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	177838	19.48	ug/l	98
40) Benzene	8.33	78	459299	19.87	ug/l	99
41) Methacrylonitrile	7.49	41	35322	21.59	ug/l	96
42) 1,2-Dichloroethane	8.41	62	110950	19.61	ug/l	100
43) Isopropyl Acetate	8.43	43	96854	18.85	ug/l	99
44) Trichloroethene	9.10	130	126062	20.21	ug/l	98
45) 1,2-Dichloropropane	9.37	63	113240	20.05	ug/l	99
46) Dibromomethane	9.46	93	53090	19.66	ug/l	99
47) Bromodichloromethane	9.65	83	139349	20.50	ug/l	98
48) Methyl methacrylate	9.44	41	45839	18.53	ug/l	99
49) 1,4-Dioxane	9.46	88	16003	366.49	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	318214	92.40	ug/l	100
52) Toluene	10.40	92	312741	19.97	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	130668	19.56	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	164705	20.27	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	82827	19.81	ug/l	98
56) Ethyl methacrylate	10.65	69	89500	18.76	ug/l	100
57) 1,3-Dichloropropane	10.94	76	137613	19.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	223989	99.11	ug/l	99
59) 2-Hexanone	10.98	43	209638	90.01	ug/l	99
60) Dibromochloromethane	11.13	129	92545	19.58	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73441	19.46	ug/l	99
64) Tetrachloroethene	10.87	164	117846	19.42	ug/l	98
65) Chlorobenzene	11.66	112	342673	19.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	105498	19.83	ug/l	99
67) Ethyl Benzene	11.74	91	582431	19.79	ug/l	100
68) m/p-Xylenes	11.85	106	475661	40.36	ug/l	100
69) o-Xylene	12.17	106	218218	20.03	ug/l	100
70) Styrene	12.19	104	362498	20.14	ug/l	100
71) Bromoform	12.35	173	53654	19.03	ug/l #	97
73) Isopropylbenzene	12.47	105	587529	19.97	ug/l	100
74) N-amyl acetate	12.28	43	88703	17.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	84930	18.97	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	56519m	18.05	ug/l	
77) Bromobenzene	12.76	156	142862	19.71	ug/l	100
78) n-propylbenzene	12.81	91	710643	20.01	ug/l	100
79) 2-Chlorotoluene	12.90	91	409050	19.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	510869	20.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23208	17.84	ug/l	99
82) 4-Chlorotoluene	12.99	91	440438	20.13	ug/l	100
83) tert-Butylbenzene	13.21	119	423209	19.92	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	518206	20.00	ug/l	99
85) sec-Butylbenzene	13.39	105	619150	19.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	553104	20.02	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292713	19.66	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	287842	19.49	ug/l	99
89) n-Butylbenzene	13.83	91	499115	19.49	ug/l	100
90) Hexachloroethane	14.10	117	89026	19.40	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	256990	19.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12345	17.64	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	165280	19.00	ug/l	99
94) Hexachlorobutadiene	15.24	225	105563	19.51	ug/l	100
95) Naphthalene	15.38	128	244768	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	138652	18.62	ug/l	100

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

