

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008351.D
 Acq On : 18 Jan 2019 13:01
 Operator : SY/VA
 Sample : VW0118SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 11:09:45 AM

Quant Time: Jan 19 04:47:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52433	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
35) Dibromofluoromethane	7.88	113	52219	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	216069	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.62	95	75090	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12641	21.594	ug/l	95
3) Chloromethane	2.21	50	17826	20.774	ug/l	98
4) Vinyl Chloride	2.37	62	24076	21.959	ug/l	94
5) Bromomethane	2.78	94	17851	21.484	ug/l	100
6) Chloroethane	2.93	64	16272	22.674	ug/l #	88
7) Trichlorofluoromethane	3.26	101	18106	22.491	ug/l	96
8) Diethyl Ether	3.68	74	10308	18.465	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19816	21.142	ug/l	93
10) Methyl Iodide	4.26	142	26548	17.563	ug/l	98
11) Tert butyl alcohol	5.16	59	6878	105.704	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	18823	19.746	ug/l	94
13) Acrolein	3.89	56	4155	67.516	ug/l	90
14) Allyl chloride	4.67	41	30728	19.282	ug/l	99
15) Acrylonitrile	5.36	53	21241	99.052	ug/l	99
16) Acetone	4.12	43	20616	91.858	ug/l	99
17) Carbon Disulfide	4.37	76	53531	18.455	ug/l	99
18) Methyl Acetate	4.67	43	11253	18.770	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	27679	18.968	ug/l	97
20) Methylene Chloride	4.90	84	22645	19.587	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	20803	19.430	ug/l	97
22) Diisopropyl ether	6.31	45	64357	20.685	ug/l	96
23) Vinyl Acetate	6.26	43	162024	97.422	ug/l	99
24) 1,1-Dichloroethane	6.21	63	37962	20.039	ug/l	94
25) 2-Butanone	7.17	43	27229	94.724	ug/l	95
26) 2,2-Dichloropropane	7.17	77	24214	20.029	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	22717	19.584	ug/l	97
28) Bromochloromethane	7.51	49	14973	19.184	ug/l #	98
29) Tetrahydrofuran	7.52	42	17090	95.366	ug/l	99
30) Chloroform	7.68	83	38090	20.322	ug/l	93
31) Cyclohexane	7.95	56	36345	20.136	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	32479	20.647	ug/l	98
36) 1,1-Dichloropropene	8.08	75	30528	19.437	ug/l	99
37) Ethyl Acetate	7.26	43	11664	18.009	ug/l	96
38) Carbon Tetrachloride	8.06	117	29791	19.209	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	38099	20.393	ug/l	94
40) Benzene	8.32	78	86860	19.523	ug/l	98
41) Methacrylonitrile	7.48	41	8351	22.149	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23701	19.051	ug/l	98
43) Isopropyl Acetate	8.43	43	22433	18.336	ug/l	97
44) Trichloroethene	9.09	130	22361	18.345	ug/l	90
45) 1,2-Dichloropropane	9.37	63	21903	19.819	ug/l	96
46) Dibromomethane	9.46	93	10949	19.009	ug/l	91
47) Bromodichloromethane	9.64	83	27821	19.582	ug/l	97
48) Methyl methacrylate	9.44	41	11150	19.360	ug/l	99
49) 1,4-Dioxane	9.45	88	3643	392.896	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	56819	91.720	ug/l	99
52) Toluene	10.39	92	56249	19.978	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	26919	18.984	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	32604	19.505	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	15883	19.881	ug/l	98
56) Ethyl methacrylate	10.65	69	17502	18.654	ug/l	97
57) 1,3-Dichloropropane	10.93	76	27491	19.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	45391	100.299	ug/l	99
59) 2-Hexanone	10.97	43	39966	92.077	ug/l	98
60) Dibromochloromethane	11.13	129	18281	19.174	ug/l	100
61) 1,2-Dibromoethane	11.24	107	14523	18.773	ug/l	97
64) Tetrachloroethene	10.87	164	18196	17.552	ug/l	96
65) Chlorobenzene	11.66	112	60347	18.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	20341	18.327	ug/l	97
67) Ethyl Benzene	11.73	91	106802	19.074	ug/l	100
68) m/p-Xylenes	11.84	106	84323	38.798	ug/l	99
69) o-Xylene	12.17	106	38750	19.084	ug/l	100
70) Styrene	12.18	104	63080	19.341	ug/l	99
71) Bromoform	12.35	173	9837	17.791	ug/l #	99
73) Isopropylbenzene	12.47	105	107856	19.426	ug/l	98
74) N-amyl acetate	12.27	43	21785	18.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	18246	19.320	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12692m	18.290	ug/l	
77) Bromobenzene	12.75	156	23974	17.976	ug/l	93
78) n-propylbenzene	12.81	91	133796	19.909	ug/l	99
79) 2-Chlorotoluene	12.90	91	74986	19.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	92036	19.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5350	18.399	ug/l	95
82) 4-Chlorotoluene	12.99	91	79778	19.883	ug/l	99
83) tert-Butylbenzene	13.21	119	78531	19.258	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	93803	19.874	ug/l	99
85) sec-Butylbenzene	13.39	105	118981	20.321	ug/l	99
86) p-Isopropyltoluene	13.50	119	103169	20.175	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	50656	19.117	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49981	18.827	ug/l	96
89) n-Butylbenzene	13.83	91	100349	20.458	ug/l	99
90) Hexachloroethane	14.10	117	18448	19.494	ug/l	89
91) 1,2-Dichlorobenzene	13.88	146	43383	18.544	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2928	18.961	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29224	18.453	ug/l	96
94) Hexachlorobutadiene	15.24	225	17151	19.216	ug/l	99
95) Naphthalene	15.38	128	49325	18.407	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	25476	18.468	ug/l	99

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

