

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012561.D
 Acq On : 03 Sep 2019 22:48
 Operator : SY/VA
 Sample : VW0903SBS03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBS03

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 9:34:34 AM

Quant Time: Sep 04 07:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	147507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149260	60.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.34%	
35) Dibromofluoromethane	7.88	113	115677	58.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.02%	
50) Toluene-d8	10.32	98	446600	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.62	95	165805	58.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21246	16.672	ug/l	94
3) Chloromethane	2.21	50	36557	18.516	ug/l	96
4) Vinyl Chloride	2.36	62	39097	16.180	ug/l	99
5) Bromomethane	2.77	94	22366	18.276	ug/l	99
6) Chloroethane	2.90	64	23667	17.362	ug/l	95
7) Trichlorofluoromethane	3.25	101	22156	18.260	ug/l	96
8) Diethyl Ether	3.68	74	26818	23.285	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	44582	21.616	ug/l	99
10) Methyl Iodide	4.26	142	58609	21.002	ug/l	98
11) Tert butyl alcohol	5.20	59	19587	132.295	ug/l	97
12) 1,1-Dichloroethene	4.03	96	42072	20.267	ug/l	96
13) Acrolein	3.89	56	10420	74.766	ug/l	95
14) Allyl chloride	4.66	41	93754	21.125	ug/l	100
15) Acrylonitrile	5.36	53	70937	124.263	ug/l	98
16) Acetone	4.13	43	63641	101.196	ug/l	97
17) Carbon Disulfide	4.37	76	97630	15.562	ug/l	99
18) Methyl Acetate	4.67	43	44504	28.571	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	87170	25.966	ug/l	97
20) Methylene Chloride	4.91	84	53323	22.429	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	47278	21.238	ug/l	97
22) Diisopropyl ether	6.31	45	201019	24.437	ug/l	97
23) Vinyl Acetate	6.25	43	592160	116.969	ug/l	100
24) 1,1-Dichloroethane	6.21	63	104348	23.297	ug/l	100
25) 2-Butanone	7.17	43	98958	115.796	ug/l	96
26) 2,2-Dichloropropane	7.17	77	55555	21.914	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	55444	23.312	ug/l	98
28) Bromochloromethane	7.51	49	47121	24.138	ug/l	97
29) Tetrahydrofuran	7.53	42	64955	126.688	ug/l	99
30) Chloroform	7.67	83	100984	24.643	ug/l	98
31) Cyclohexane	7.95	56	82207	18.551	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	74865	23.094	ug/l	100
36) 1,1-Dichloropropene	8.08	75	72938	21.127	ug/l	99
37) Ethyl Acetate	7.26	43	45317	23.954	ug/l	99
38) Carbon Tetrachloride	8.07	117	67055	22.441	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	73596	18.976	ug/l	98
40) Benzene	8.32	78	211756	22.463	ug/l	98
41) Methacrylonitrile	7.48	41	30664	27.578	ug/l	92
42) 1,2-Dichloroethane	8.40	62	75041	25.399	ug/l	99
43) Isopropyl Acetate	8.42	43	87409	24.944	ug/l	99
44) Trichloroethene	9.09	130	51156	22.323	ug/l	94
45) 1,2-Dichloropropane	9.37	63	59230	23.346	ug/l	97
46) Dibromomethane	9.46	93	28026	24.828	ug/l	98
47) Bromodichloromethane	9.64	83	72604	24.167	ug/l	100
48) Methyl methacrylate	9.43	41	41592	24.938	ug/l	95
49) 1,4-Dioxane	9.46	88	8718	504.493	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	228626	128.271	ug/l	100
52) Toluene	10.38	92	130120	22.977	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	73446	24.001	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	85205	23.060	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40530	25.377	ug/l	96
56) Ethyl methacrylate	10.65	69	58030	24.965	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76320	25.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	138338	115.962	ug/l	99
59) 2-Hexanone	10.97	43	154135	122.219	ug/l	98
60) Dibromochloromethane	11.12	129	44456	24.991	ug/l	100
61) 1,2-Dibromoethane	11.23	107	36671	24.646	ug/l	100
64) Tetrachloroethene	10.86	164	43787	22.517	ug/l	99
65) Chlorobenzene	11.66	112	134227	22.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49707	24.125	ug/l	99
67) Ethyl Benzene	11.73	91	251664	22.120	ug/l	98
68) m/p-Xylenes	11.84	106	183252	44.715	ug/l	99
69) o-Xylene	12.16	106	86566	22.823	ug/l	99
70) Styrene	12.18	104	153780	23.423	ug/l	100
71) Bromoform	12.35	173	25303	24.648	ug/l #	98
73) Isopropylbenzene	12.46	105	243131	21.997	ug/l	100
74) N-amyl acetate	12.27	43	77787	23.294	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	48193	23.783	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	40035m	27.868	ug/l	
77) Bromobenzene	12.74	156	55939	23.394	ug/l	98
78) n-propylbenzene	12.80	91	292859	21.704	ug/l	99
79) 2-Chlorotoluene	12.89	91	172136	22.470	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	208946	22.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13745	20.977	ug/l	97
82) 4-Chlorotoluene	12.99	91	181557	22.634	ug/l	100
83) tert-Butylbenzene	13.21	119	178566	22.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	210400	22.678	ug/l	98
85) sec-Butylbenzene	13.38	105	246826	22.021	ug/l	100
86) p-Isopropyltoluene	13.50	119	225135	22.491	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108769	23.256	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106774	22.992	ug/l	98
89) n-Butylbenzene	13.82	91	212822	21.380	ug/l	99
90) Hexachloroethane	14.09	117	38810	22.099	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	97305	23.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8300	24.297	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66485	23.448	ug/l	100
94) Hexachlorobutadiene	15.24	225	44443	23.738	ug/l	96
95) Naphthalene	15.36	128	119813	23.994	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	59510	24.056	ug/l	100

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

