

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016867.D
 Acq On : 09 Oct 2020 18:31
 Operator : SY/VA
 Sample : VW1010SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:49 PM

Quant Time: Oct 12 14:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	553462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	491270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	166463	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
35) Dibromofluoromethane	7.89	113	175301	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.33	98	655808	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	233425	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	46047	23.138	ug/l	99
3) Chloromethane	2.21	50	46693	20.965	ug/l	98
4) Vinyl Chloride	2.37	62	69234	21.496	ug/l	97
5) Bromomethane	2.78	94	52219	21.111	ug/l	95
6) Chloroethane	2.93	64	43288	21.120	ug/l	96
7) Trichlorofluoromethane	3.26	101	47286	20.166	ug/l	97
8) Diethyl Ether	3.68	74	31127	21.253	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	65250	20.666	ug/l	98
10) Methyl Iodide	4.28	142	108836	21.562	ug/l	100
11) Tert butyl alcohol	5.18	59	19686	132.975	ug/l #	91
12) 1,1-Dichloroethene	4.05	96	65494	21.015	ug/l	97
13) Acrolein	3.90	56	21496	107.404	ug/l	93
14) Allyl chloride	4.68	41	78648	21.082	ug/l	99
15) Acrylonitrile	5.37	53	55832	114.525	ug/l	97
16) Acetone	4.13	43	52314	106.628	ug/l	98
17) Carbon Disulfide	4.39	76	174260	21.016	ug/l	96
18) Methyl Acetate	4.68	43	27315	24.274	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77240	22.995	ug/l	98
20) Methylene Chloride	4.92	84	77693	20.887	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	74120	21.185	ug/l	94
22) Diisopropyl ether	6.32	45	146209	21.564	ug/l	98
23) Vinyl Acetate	6.26	43	477173	109.833	ug/l	100
24) 1,1-Dichloroethane	6.22	63	112888	20.997	ug/l	99
25) 2-Butanone	7.17	43	76076	116.311	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69118	21.013	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	79656	21.257	ug/l	99
28) Bromochloromethane	7.52	49	43316	20.131	ug/l	100
29) Tetrahydrofuran	7.54	42	44675	121.941	ug/l	98
30) Chloroform	7.68	83	124573	21.314	ug/l	99
31) Cyclohexane	7.96	56	95788	20.888	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	104123	21.120	ug/l	99
36) 1,1-Dichloropropene	8.09	75	98378	20.563	ug/l	99
37) Ethyl Acetate	7.26	43	36007	23.034	ug/l	98
38) Carbon Tetrachloride	8.07	117	101108	20.324	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111048	20.352	ug/l	97
40) Benzene	8.33	78	271995	20.402	ug/l	99
41) Methacrylonitrile	7.48	41	19606	21.165	ug/l	98
42) 1,2-Dichloroethane	8.40	62	77281	21.192	ug/l	99
43) Isopropyl Acetate	8.43	43	64490	21.535	ug/l	100
44) Trichloroethene	9.10	130	84795	20.550	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61924	20.369	ug/l	100
46) Dibromomethane	9.46	93	36391	20.928	ug/l	98
47) Bromodichloromethane	9.65	83	88601	20.492	ug/l	91
48) Methyl methacrylate	9.44	41	30510	22.109	ug/l	96
49) 1,4-Dioxane	9.46	88	9114	455.660	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	168317	111.101	ug/l	100
52) Toluene	10.39	92	182395	20.697	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	80254	20.389	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	98623	20.513	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	52404	21.172	ug/l	98
56) Ethyl methacrylate	10.65	69	58725	21.810	ug/l	98
57) 1,3-Dichloropropane	10.93	76	86632	21.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156495	104.882	ug/l	100
59) 2-Hexanone	10.97	43	111517	111.253	ug/l	98
60) Dibromochloromethane	11.13	129	61609	20.294	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51474	20.999	ug/l	96
64) Tetrachloroethene	10.87	164	71788	20.510	ug/l	94
65) Chlorobenzene	11.66	112	197278	20.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	69274	20.329	ug/l	100
67) Ethyl Benzene	11.73	91	343635	20.465	ug/l	99
68) m/p-Xylenes	11.84	106	271597	41.589	ug/l	100
69) o-Xylene	12.17	106	126632	21.130	ug/l	99
70) Styrene	12.18	104	212360	21.291	ug/l	99
71) Bromoform	12.35	173	35148	20.545	ug/l #	100
73) Isopropylbenzene	12.47	105	348555	20.732	ug/l	99
74) N-amyl acetate	12.27	43	57291	21.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	57361	21.745	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41047m	21.748	ug/l	
77) Bromobenzene	12.75	156	85320	20.530	ug/l	98
78) n-propylbenzene	12.80	91	400482	20.656	ug/l	100
79) 2-Chlorotoluene	12.90	91	229377	20.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	290143	20.593	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14577	20.760	ug/l	95
82) 4-Chlorotoluene	12.99	91	238022	20.847	ug/l	99
83) tert-Butylbenzene	13.21	119	255687	20.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	291089	20.734	ug/l	98
85) sec-Butylbenzene	13.38	105	352054	20.669	ug/l	100
86) p-Isopropyltoluene	13.50	119	323908	20.422	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	162758	20.252	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	164510	20.773	ug/l	99
89) n-Butylbenzene	13.82	91	289322	20.248	ug/l	99
90) Hexachloroethane	14.10	117	48822	19.949	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	143019	20.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8783	21.742	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101367	21.187	ug/l	97
94) Hexachlorobutadiene	15.24	225	62436	20.131	ug/l	98
95) Naphthalene	15.37	128	172028	22.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	85356	20.508	ug/l	99

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

