

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012220\
 Data File : VW014712.D
 Acq On : 22 Jan 2020 14:41
 Operator : SY/VA
 Sample : VW0122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 2:33:04 PM

Quant Time: Jan 22 15:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	655824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	986042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	844785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	421517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	302172	52.70	ug/l	0.00
Spiked Amount						
			Recovery	=	105.40%	
35) Dibromofluoromethane	7.88	113	296457	52.61	ug/l	0.00
Spiked Amount						
			Recovery	=	105.22%	
50) Toluene-d8	10.32	98	1233076	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	412380	51.70	ug/l	0.00
Spiked Amount						
			Recovery	=	103.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	89189	24.086	ug/l	99
3) Chloromethane	2.21	50	118067	26.049	ug/l	99
4) Vinyl Chloride	2.35	62	167002	25.051	ug/l	99
5) Bromomethane	2.78	94	98305	23.871	ug/l	94
6) Chloroethane	2.91	64	91867	24.174	ug/l	97
7) Trichlorofluoromethane	3.25	101	85106	25.516	ug/l	90
8) Diethyl Ether	3.67	74	69701	21.003	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145520	23.350	ug/l	99
10) Methyl Iodide	4.27	142	199636	21.230	ug/l	98
11) Tert butyl alcohol	5.16	59	47028	91.866	ug/l	99
12) 1,1-Dichloroethene	4.03	96	148880	22.812	ug/l	96
13) Acrolein	3.89	56	46356	92.626	ug/l	98
14) Allyl chloride	4.66	41	235517	23.614	ug/l	99
15) Acrylonitrile	5.35	53	157504	103.829	ug/l	99
16) Acetone	4.11	43	161783	99.923	ug/l	97
17) Carbon Disulfide	4.37	76	440248	22.381	ug/l	98
18) Methyl Acetate	4.67	43	80165	20.501	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	176573	21.795	ug/l	98
20) Methylene Chloride	4.90	84	185773	26.219	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	157412	22.715	ug/l	99
22) Diisopropyl ether	6.31	45	439232	23.529	ug/l	98
23) Vinyl Acetate	6.24	43	1218518	108.095	ug/l	97
24) 1,1-Dichloroethane	6.21	63	275562	23.402	ug/l	99
25) 2-Butanone	7.17	43	203952	98.157	ug/l	94
26) 2,2-Dichloropropane	7.16	77	158036	24.241	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	163957	22.516	ug/l	96
28) Bromochloromethane	7.51	49	94662	20.505	ug/l	95
29) Tetrahydrofuran	7.52	42	125512	97.506	ug/l	97
30) Chloroform	7.67	83	253520	23.023	ug/l	96
31) Cyclohexane	7.95	56	280305	22.906	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	208263	23.516	ug/l	99
36) 1,1-Dichloropropene	8.07	75	223099	23.469	ug/l	98
37) Ethyl Acetate	7.24	43	89041	20.653	ug/l	98
38) Carbon Tetrachloride	8.06	117	191020	23.163	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	271934	22.292	ug/l	95
40) Benzene	8.32	78	614838	22.860	ug/l	100
41) Methacrylonitrile	7.48	41	49587	20.634	ug/l	96
42) 1,2-Dichloroethane	8.39	62	157064	22.503	ug/l	99
43) Isopropyl Acetate	8.42	43	159459	20.368	ug/l	99
44) Trichloroethene	9.09	130	160938	22.114	ug/l	90
45) 1,2-Dichloropropane	9.37	63	150835	22.854	ug/l	96
46) Dibromomethane	9.45	93	69725	21.400	ug/l	97
47) Bromodichloromethane	9.64	83	181207	22.527	ug/l	99
48) Methyl methacrylate	9.43	41	78538	20.547	ug/l	100
49) 1,4-Dioxane	9.44	88	24313	398.972	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	409430	100.709	ug/l	98
52) Toluene	10.38	92	384352	22.715	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	175943	21.125	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221421	21.753	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	99920	20.998	ug/l	96
56) Ethyl methacrylate	10.64	69	123692	20.002	ug/l	98
57) 1,3-Dichloropropane	10.93	76	179136	21.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	187514	99.699	ug/l	98
59) 2-Hexanone	10.96	43	277891	99.195	ug/l	96
60) Dibromochloromethane	11.12	129	108890	20.281	ug/l	96
61) 1,2-Dibromoethane	11.23	107	94066	20.825	ug/l	100
64) Tetrachloroethene	10.86	164	135433	22.144	ug/l	98
65) Chlorobenzene	11.65	112	383335	22.149	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	129489	22.221	ug/l	99
67) Ethyl Benzene	11.73	91	710365	22.776	ug/l	98
68) m/p-Xylenes	11.83	106	541102	45.329	ug/l	98
69) o-Xylene	12.16	106	247968	22.488	ug/l	100
70) Styrene	12.18	104	423229	22.693	ug/l	99
71) Bromoform	12.35	173	63216	19.889	ug/l #	100
73) Isopropylbenzene	12.46	105	690468	22.324	ug/l	99
74) N-amyl acetate	12.27	43	140196	20.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	112347	20.125	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	87230m	21.887	ug/l	
77) Bromobenzene	12.74	156	155199	21.605	ug/l	99
78) n-propylbenzene	12.80	91	830402	22.833	ug/l	99
79) 2-Chlorotoluene	12.89	91	460899	22.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	584442	22.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34013	19.015	ug/l	92
82) 4-Chlorotoluene	12.99	91	487902	22.690	ug/l	99
83) tert-Butylbenzene	13.20	119	503922	22.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	585450	22.654	ug/l	100
85) sec-Butylbenzene	13.38	105	717027	22.783	ug/l	99
86) p-Isopropyltoluene	13.49	119	653222	22.771	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	307183	21.991	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296597	21.507	ug/l	98
89) n-Butylbenzene	13.82	91	612941	23.010	ug/l	99
90) Hexachloroethane	14.09	117	109222	21.795	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	267467	21.785	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17821	20.159	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	182328	21.991	ug/l	98
94) Hexachlorobutadiene	15.23	225	125785	22.639	ug/l	99
95) Naphthalene	15.36	128	286516	20.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	156234	21.618	ug/l	100

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

