

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014723.D
 Acq On : 23 Jan 2020 14:03
 Operator : SY/VA
 Sample : VW0123SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0123SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:02:35 PM

Quant Time: Jan 24 05:31:56 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	7.95	168	671714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	993159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	856396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	424972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	296817	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.88	113	283011	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.32	98	1162459	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.62	95	387033	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	82023	21.627	ug/l	94
3) Chloromethane	2.21	50	121175	26.102	ug/l	98
4) Vinyl Chloride	2.35	62	168121	24.622	ug/l	97
5) Bromomethane	2.77	94	94934	22.507	ug/l	94
6) Chloroethane	2.92	64	91349	23.470	ug/l	99
7) Trichlorofluoromethane	3.25	101	90057	26.361	ug/l	95
8) Diethyl Ether	3.67	74	72318	21.276	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	148251	23.225	ug/l	100
10) Methyl Iodide	4.27	142	205366	21.323	ug/l	97
11) Tert butyl alcohol	5.15	59	51603	100.219	ug/l	98
12) 1,1-Dichloroethene	4.03	96	148220	22.173	ug/l	98
13) Acrolein	3.89	56	44565	86.941	ug/l	98
14) Allyl chloride	4.66	41	240193	23.514	ug/l	98
15) Acrylonitrile	5.36	53	170773	109.913	ug/l	98
16) Acetone	4.11	43	175705	105.954	ug/l	97
17) Carbon Disulfide	4.38	76	451576	22.414	ug/l	99
18) Methyl Acetate	4.67	43	87102	21.748	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	188998	22.777	ug/l	98
20) Methylene Chloride	4.92	84	186648	25.625	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	156316	22.023	ug/l	93
22) Diisopropyl ether	6.31	45	460497	24.085	ug/l	97
23) Vinyl Acetate	6.25	43	1312240	113.656	ug/l	97
24) 1,1-Dichloroethane	6.21	63	284773	23.612	ug/l	99
25) 2-Butanone	7.17	43	226196	106.288	ug/l	96
26) 2,2-Dichloropropane	7.16	77	163471	24.482	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	164029	21.993	ug/l	93
28) Bromochloromethane	7.51	49	90570	19.155	ug/l	92
29) Tetrahydrofuran	7.52	42	139321	105.674	ug/l	97
30) Chloroform	7.67	83	265259	23.519	ug/l	97
31) Cyclohexane	7.95	56	285624	22.788	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	217896	24.022	ug/l	98
36) 1,1-Dichloropropene	8.07	75	228969	23.914	ug/l	99
37) Ethyl Acetate	7.24	43	101671	23.414	ug/l	96
38) Carbon Tetrachloride	8.06	117	198978	23.955	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	272491	22.177	ug/l	94
40) Benzene	8.32	78	635054	23.443	ug/l	100
41) Methacrylonitrile	7.48	41	53010	21.900	ug/l	96
42) 1,2-Dichloroethane	8.40	62	168533	23.973	ug/l	97
43) Isopropyl Acetate	8.42	43	174666	22.151	ug/l	99
44) Trichloroethene	9.09	130	165450	22.571	ug/l	98
45) 1,2-Dichloropropane	9.37	63	156797	23.587	ug/l	98
46) Dibromomethane	9.45	93	73305	22.338	ug/l	97
47) Bromodichloromethane	9.64	83	187812	23.181	ug/l	100
48) Methyl methacrylate	9.43	41	80955	21.028	ug/l	99
49) 1,4-Dioxane	9.45	88	26181	426.547	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	461478	112.698	ug/l	97
52) Toluene	10.38	92	396591	23.271	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	185387	22.099	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	229752	22.409	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	106332	22.186	ug/l	98
56) Ethyl methacrylate	10.65	69	132444	21.263	ug/l	97
57) 1,3-Dichloropropane	10.93	76	189036	22.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	208161	109.884	ug/l	97
59) 2-Hexanone	10.96	43	316500	112.167	ug/l	96
60) Dibromochloromethane	11.12	129	119061	22.017	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97296	21.386	ug/l	99
64) Tetrachloroethene	10.86	164	137721	22.213	ug/l	98
65) Chlorobenzene	11.65	112	395914	22.566	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	132681	22.461	ug/l	99
67) Ethyl Benzene	11.73	91	726468	22.976	ug/l	97
68) m/p-Xylenes	11.83	106	559131	46.205	ug/l	98
69) o-Xylene	12.16	106	252914	22.626	ug/l	99
70) Styrene	12.18	104	431373	22.816	ug/l	98
71) Bromoform	12.35	173	66724	20.708	ug/l #	99
73) Isopropylbenzene	12.46	105	703579	22.563	ug/l	99
74) N-amyl acetate	12.27	43	151103	21.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	120944	21.489	ug/l	98
76) 1,2,3-Trichloropropane	12.76	75	75261m	18.731	ug/l	
77) Bromobenzene	12.74	156	159065	21.963	ug/l	97
78) n-propylbenzene	12.80	91	845610	23.062	ug/l	99
79) 2-Chlorotoluene	12.89	91	473566	22.695	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	587766	22.449	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37848	20.987	ug/l	93
82) 4-Chlorotoluene	12.99	91	504256	23.260	ug/l	98
83) tert-Butylbenzene	13.20	119	505825	22.066	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	593495	22.779	ug/l	100
85) sec-Butylbenzene	13.38	105	722043	22.756	ug/l	99
86) p-Isopropyltoluene	13.49	119	652082	22.547	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	310809	22.069	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	305603	21.980	ug/l	99
89) n-Butylbenzene	13.82	91	618681	23.036	ug/l	98
90) Hexachloroethane	14.09	117	110975	21.965	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	271822	21.960	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18983	21.298	ug/l	90

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	177570	21.243	ug/l	98
94) Hexachlorobutadiene	15.23	225	121529	21.695	ug/l	97
95) Naphthalene	15.36	128	278811	19.558	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	148898	20.436	ug/l	98

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

