

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014598.D
 Acq On : 10 Jan 2020 14:40
 Operator : SY/VA
 Sample : VW0110SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:01:38 PM

Quant Time: Jan 11 04:11:55 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	743226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1085079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	936380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	466081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	312154	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.88	113	308374	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.32	98	1279449	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.62	95	438700	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	79873	19.034	ug/l	99
3) Chloromethane	2.21	50	109824	21.381	ug/l	100
4) Vinyl Chloride	2.35	62	165507	21.907	ug/l	97
5) Bromomethane	2.76	94	100139	21.457	ug/l	99
6) Chloroethane	2.92	64	92381	21.451	ug/l	96
7) Trichlorofluoromethane	3.25	101	73685	19.493	ug/l	95
8) Diethyl Ether	3.68	74	77187	20.523	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	153064	21.672	ug/l	98
10) Methyl Iodide	4.27	142	219118	20.562	ug/l	100
11) Tert butyl alcohol	5.17	59	53526	92.373	ug/l	99
12) 1,1-Dichloroethene	4.04	96	155474	21.021	ug/l	97
13) Acrolein	3.89	56	53409	94.169	ug/l	99
14) Allyl chloride	4.66	41	234091	20.711	ug/l	99
15) Acrylonitrile	5.36	53	180180	104.809	ug/l	99
16) Acetone	4.12	43	182517	99.472	ug/l	97
17) Carbon Disulfide	4.38	76	445876	20.001	ug/l	100
18) Methyl Acetate	4.66	43	92339	20.837	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	202394	22.045	ug/l	98
20) Methylene Chloride	4.92	84	175055	20.964	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	167891	21.378	ug/l	99
22) Diisopropyl ether	6.31	45	450629	21.301	ug/l	100
23) Vinyl Acetate	6.25	43	1305031	102.156	ug/l	99
24) 1,1-Dichloroethane	6.21	63	280935	21.052	ug/l	98
25) 2-Butanone	7.17	43	244480	103.826	ug/l	97
26) 2,2-Dichloropropane	7.16	77	159086	21.532	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	171298	20.758	ug/l	98
28) Bromochloromethane	7.51	49	97330	18.604	ug/l	98
29) Tetrahydrofuran	7.52	42	151868	104.107	ug/l	99
30) Chloroform	7.67	83	262628	21.046	ug/l	100
31) Cyclohexane	7.95	56	288539	20.806	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	214077	21.330	ug/l	98
36) 1,1-Dichloropropene	8.08	75	227555	21.753	ug/l	99
37) Ethyl Acetate	7.25	43	100074	21.094	ug/l	99
38) Carbon Tetrachloride	8.07	117	197338	21.745	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	291205	21.692	ug/l	98
40) Benzene	8.32	78	646699	21.850	ug/l	99
41) Methacrylonitrile	7.48	41	60963	23.052	ug/l	92
42) 1,2-Dichloroethane	8.40	62	164852	21.463	ug/l	100
43) Isopropyl Acetate	8.42	43	184357	21.399	ug/l	99
44) Trichloroethene	9.09	130	174673	21.810	ug/l	93
45) 1,2-Dichloropropane	9.37	63	157722	21.716	ug/l	98
46) Dibromomethane	9.46	93	76623	21.371	ug/l	97
47) Bromodichloromethane	9.64	83	189147	21.368	ug/l	98
48) Methyl methacrylate	9.43	41	89195	21.206	ug/l	99
49) 1,4-Dioxane	9.44	88	27869	415.585	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	485901	108.610	ug/l	99
52) Toluene	10.38	92	408568	21.943	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	194262	21.196	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	239582	21.388	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	116570	22.261	ug/l	98
56) Ethyl methacrylate	10.65	69	145833	21.429	ug/l	99
57) 1,3-Dichloropropane	10.93	76	202212	21.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	216235	104.476	ug/l	99
59) 2-Hexanone	10.97	43	340871	110.570	ug/l	100
60) Dibromochloromethane	11.13	129	125670	21.270	ug/l	100
61) 1,2-Dibromoethane	11.23	107	106873	21.501	ug/l	99
64) Tetrachloroethene	10.86	164	161266	23.789	ug/l	95
65) Chlorobenzene	11.65	112	417485	21.763	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	140111	21.692	ug/l	99
67) Ethyl Benzene	11.73	91	762599	22.059	ug/l	97
68) m/p-Xylenes	11.84	106	582479	44.022	ug/l	98
69) o-Xylene	12.16	106	268136	21.939	ug/l	100
70) Styrene	12.18	104	458904	22.199	ug/l	100
71) Bromoform	12.35	173	76524	21.721	ug/l #	99
73) Isopropylbenzene	12.46	105	750055	21.932	ug/l	99
74) N-amyl acetate	12.27	43	163498	21.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	133137	21.569	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	81447m	18.482	ug/l	
77) Bromobenzene	12.74	156	172649	21.736	ug/l	99
78) n-propylbenzene	12.80	91	886738	22.050	ug/l	100
79) 2-Chlorotoluene	12.89	91	500256	21.860	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	629202	21.912	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	42358	21.416	ug/l	99
82) 4-Chlorotoluene	12.99	91	518260	21.798	ug/l	100
83) tert-Butylbenzene	13.20	119	547431	21.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	629190	22.019	ug/l	100
85) sec-Butylbenzene	13.38	105	767717	22.062	ug/l	100
86) p-Isopropyltoluene	13.49	119	710942	22.414	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	337288	21.837	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	333213	21.852	ug/l	98
89) n-Butylbenzene	13.82	91	646017	21.932	ug/l	99
90) Hexachloroethane	14.09	117	117019	21.119	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	303044	22.323	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20678	21.154	ug/l	99

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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	203464	22.194	ug/l	99
94) Hexachlorobutadiene	15.24	225	136969	22.295	ug/l	97
95) Naphthalene	15.36	128	335577	21.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	180618	22.603	ug/l	99

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

