

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031020\
 Data File : VW015110.D
 Acq On : 10 Mar 2020 13:43
 Operator : SY/VA
 Sample : VW0310SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0310SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:22:11 PM

Quant Time: Mar 11 09:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	445703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	849062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	762230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	338141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	353976	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	7.88	113	261493	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.32	98	1137860	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	378211	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	51535	19.069	ug/l	97
3) Chloromethane	2.21	50	115883	19.981	ug/l	97
4) Vinyl Chloride	2.36	62	154193	20.308	ug/l	99
5) Bromomethane	2.78	94	88419	20.373	ug/l	100
6) Chloroethane	2.92	64	87832	19.972	ug/l	99
7) Trichlorofluoromethane	3.26	101	84344	22.198	ug/l	99
8) Diethyl Ether	3.68	74	59766	20.643	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	119555	20.641	ug/l	99
10) Methyl Iodide	4.27	142	133960	20.789	ug/l	98
11) Tert butyl alcohol	5.17	59	41399	109.918	ug/l	98
12) 1,1-Dichloroethene	4.04	96	114973	20.303	ug/l	98
13) Acrolein	3.89	56	57696	104.743	ug/l	99
14) Allyl chloride	4.67	41	240226	21.168	ug/l	98
15) Acrylonitrile	5.36	53	145428	97.995	ug/l	98
16) Acetone	4.12	43	134974	90.308	ug/l	95
17) Carbon Disulfide	4.38	76	404988	20.171	ug/l	97
18) Methyl Acetate	4.67	43	71875	20.287	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	156489	21.587	ug/l	98
20) Methylene Chloride	4.92	84	140499	20.747	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	128462	21.366	ug/l	98
22) Diisopropyl ether	6.31	45	489453	22.477	ug/l	99
23) Vinyl Acetate	6.25	43	1342836	104.465	ug/l	99
24) 1,1-Dichloroethane	6.22	63	268784	21.167	ug/l	99
25) 2-Butanone	7.17	43	197977	96.625	ug/l	97
26) 2,2-Dichloropropane	7.17	77	161367	22.219	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132767	21.210	ug/l	97
28) Bromochloromethane	7.51	49	124619	20.481	ug/l	97
29) Tetrahydrofuran	7.52	42	124452	97.107	ug/l	99
30) Chloroform	7.68	83	240349	21.329	ug/l	99
31) Cyclohexane	7.95	56	273397	20.934	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	188030	21.370	ug/l	100
36) 1,1-Dichloropropene	8.09	75	203784	20.696	ug/l	99
37) Ethyl Acetate	7.25	43	94006	19.156	ug/l	99
38) Carbon Tetrachloride	8.07	117	162326	20.251	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226993	20.162	ug/l	98
40) Benzene	8.32	78	571523	20.886	ug/l	99
41) Methacrylonitrile	7.48	41	51416	19.811	ug/l	93
42) 1,2-Dichloroethane	8.40	62	170539	20.457	ug/l	100
43) Isopropyl Acetate	8.42	43	171588	19.503	ug/l	99
44) Trichloroethene	9.09	130	115911	19.900	ug/l	97
45) 1,2-Dichloropropane	9.37	63	153641	20.849	ug/l	99
46) Dibromomethane	9.46	93	63465	19.806	ug/l	99
47) Bromodichloromethane	9.64	83	172242	20.134	ug/l	99
48) Methyl methacrylate	9.43	41	77837	18.919	ug/l	98
49) 1,4-Dioxane	9.44	88	17328	353.212	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	442275	91.013	ug/l	99
52) Toluene	10.38	92	327402	20.828	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	165817	19.702	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	208090	20.297	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	86866	19.785	ug/l	98
56) Ethyl methacrylate	10.65	69	109175	18.583	ug/l	98
57) 1,3-Dichloropropane	10.93	76	168106	20.111	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	319460	96.105	ug/l	100
59) 2-Hexanone	10.97	43	285204	88.336	ug/l	98
60) Dibromochloromethane	11.13	129	89279	19.688	ug/l	99
61) 1,2-Dibromoethane	11.23	107	76043	19.536	ug/l	100
64) Tetrachloroethene	10.86	164	87645	19.925	ug/l	97
65) Chlorobenzene	11.66	112	312167	20.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	100568	19.740	ug/l	99
67) Ethyl Benzene	11.73	91	615450	20.672	ug/l	99
68) m/p-Xylenes	11.84	106	437485	41.567	ug/l	100
69) o-Xylene	12.16	106	192434	20.297	ug/l	98
70) Styrene	12.18	104	338522	20.839	ug/l	99
71) Bromoform	12.35	173	42038	18.593	ug/l #	98
73) Isopropylbenzene	12.46	105	543893	21.057	ug/l	100
74) N-amyl acetate	12.27	43	149041	19.179	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	104889	19.998	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	82190m	21.506	ug/l	
77) Bromobenzene	12.74	156	106298	20.821	ug/l	100
78) n-propylbenzene	12.80	91	728132	21.691	ug/l	99
79) 2-Chlorotoluene	12.89	91	400223	21.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	477100	21.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	30913	18.270	ug/l	96
82) 4-Chlorotoluene	12.99	91	428225	21.306	ug/l	100
83) tert-Butylbenzene	13.21	119	373131	20.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	470984	21.209	ug/l	99
85) sec-Butylbenzene	13.38	105	577466	21.207	ug/l	100
86) p-Isopropyltoluene	13.49	119	493619	21.090	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	223823	20.691	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	220752	20.725	ug/l	99
89) n-Butylbenzene	13.82	91	533635	21.141	ug/l	99
90) Hexachloroethane	14.09	117	93247	19.865	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	194527	20.533	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16542	19.640	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	107437	19.817	ug/l	99
94) Hexachlorobutadiene	15.23	225	68982	20.266	ug/l	97
95) Naphthalene	15.36	128	180305	17.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	90805	18.884	ug/l	99

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

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