

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014575.D
 Acq On : 09 Jan 2020 12:06
 Operator : SY/VA
 Sample : VW0109SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0109SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/10/2020 10:41:00 AM

Quant Time: Jan 09 12:51:34 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	763261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1120661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	965531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	486019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	312548	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.88	113	317313	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.32	98	1312859	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	12.62	95	449027	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	74027	17.178	ug/l	98
3) Chloromethane	2.21	50	102038	19.344	ug/l	99
4) Vinyl Chloride	2.36	62	151925	19.582	ug/l	98
5) Bromomethane	2.76	94	90598	18.903	ug/l	99
6) Chloroethane	2.92	64	83946	18.981	ug/l	98
7) Trichlorofluoromethane	3.25	101	70994	18.289	ug/l	94
8) Diethyl Ether	3.68	74	66933	17.330	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136255	18.786	ug/l	99
10) Methyl Iodide	4.26	142	199489	18.229	ug/l	99
11) Tert butyl alcohol	5.16	59	46096	73.387	ug/l	97
12) 1,1-Dichloroethene	4.04	96	138348	18.214	ug/l	97
13) Acrolein	3.89	56	56153	96.408	ug/l	99
14) Allyl chloride	4.66	41	208461	17.960	ug/l	99
15) Acrylonitrile	5.36	53	154767	87.663	ug/l	99
16) Acetone	4.11	43	156490	83.049	ug/l	97
17) Carbon Disulfide	4.38	76	406483	17.756	ug/l	98
18) Methyl Acetate	4.67	43	82225	18.068	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	177081	18.781	ug/l	98
20) Methylene Chloride	4.91	84	156508	17.608	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	143589	17.804	ug/l	98
22) Diisopropyl ether	6.31	45	394949	18.179	ug/l	99
23) Vinyl Acetate	6.25	43	1130694	86.186	ug/l	99
24) 1,1-Dichloroethane	6.21	63	247133	18.033	ug/l	98
25) 2-Butanone	7.17	43	206839	85.534	ug/l	99
26) 2,2-Dichloropropane	7.17	77	141858	18.697	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	152015	17.938	ug/l	99
28) Bromochloromethane	7.51	49	94147	17.523	ug/l	97
29) Tetrahydrofuran	7.52	42	128482	85.764	ug/l	99
30) Chloroform	7.67	83	231222	18.042	ug/l	100
31) Cyclohexane	7.95	56	252095	17.701	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	188372	18.276	ug/l	100
36) 1,1-Dichloropropene	8.08	75	204214	18.902	ug/l	99
37) Ethyl Acetate	7.25	43	86949	17.745	ug/l	98
38) Carbon Tetrachloride	8.07	117	174385	18.605	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	254474	18.354	ug/l	99
40) Benzene	8.32	78	572901	18.742	ug/l	100
41) Methacrylonitrile	7.48	41	44990	16.472	ug/l	95
42) 1,2-Dichloroethane	8.40	62	143874	18.137	ug/l	99
43) Isopropyl Acetate	8.42	43	154736	17.391	ug/l	99
44) Trichloroethene	9.09	130	153273	18.531	ug/l	95
45) 1,2-Dichloropropane	9.37	63	138678	18.488	ug/l	100
46) Dibromomethane	9.45	93	67462	18.218	ug/l	97
47) Bromodichloromethane	9.64	83	166182	18.177	ug/l	93
48) Methyl methacrylate	9.43	41	71934	16.559	ug/l	95
49) 1,4-Dioxane	9.44	88	23419	338.138	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	416399	90.120	ug/l	99
52) Toluene	10.38	92	361474	18.797	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	171381	18.105	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213616	18.465	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	99916	18.475	ug/l	98
56) Ethyl methacrylate	10.64	69	127790	18.182	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175472	18.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	197715	92.495	ug/l	100
59) 2-Hexanone	10.96	43	293583	92.208	ug/l	98
60) Dibromochloromethane	11.13	129	109951	18.019	ug/l	97
61) 1,2-Dibromoethane	11.23	107	93185	18.152	ug/l	100
64) Tetrachloroethene	10.86	164	135389	19.369	ug/l	98
65) Chlorobenzene	11.65	112	371639	18.788	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	122149	18.340	ug/l	99
67) Ethyl Benzene	11.73	91	664013	18.627	ug/l	98
68) m/p-Xylenes	11.83	106	512227	37.544	ug/l	100
69) o-Xylene	12.16	106	238154	18.897	ug/l	98
70) Styrene	12.18	104	403591	18.934	ug/l	99
71) Bromoform	12.35	173	65946	18.153	ug/l #	99
73) Isopropylbenzene	12.46	105	653479	18.324	ug/l	100
74) N-amyl acetate	12.27	43	142824	17.862	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115620	17.962	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	88724m	19.308	ug/l	
77) Bromobenzene	12.74	156	155471	18.771	ug/l	96
78) n-propylbenzene	12.80	91	779969	18.600	ug/l	99
79) 2-Chlorotoluene	12.89	91	436253	18.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	553034	18.470	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35479	17.202	ug/l	97
82) 4-Chlorotoluene	12.99	91	456528	18.413	ug/l	100
83) tert-Butylbenzene	13.21	119	484449	18.479	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	549891	18.454	ug/l	99
85) sec-Butylbenzene	13.38	105	671410	18.503	ug/l	99
86) p-Isopropyltoluene	13.49	119	619788	18.739	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	294130	18.262	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	292183	18.375	ug/l	98
89) n-Butylbenzene	13.82	91	565539	18.413	ug/l	100
90) Hexachloroethane	14.09	117	102361	17.715	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	263211	18.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18379	18.031	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	185187	19.372	ug/l	98
94) Hexachlorobutadiene	15.23	225	123768	19.320	ug/l	97
95) Naphthalene	15.36	128	294484	18.063	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	157450	18.895	ug/l	98

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

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