

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011200.D
 Acq On : 10 Jul 2019 20:29
 Operator : SY/VA
 Sample : VW0711SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 2:50:09 PM

Quant Time: Jul 11 08:23:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	136748	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	7.88	113	107013	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.32	98	430811	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	158073	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	31850	20.554	ug/l	95
3) Chloromethane	2.21	50	42488	21.279	ug/l	97
4) Vinyl Chloride	2.35	62	54465	20.841	ug/l	97
5) Bromomethane	2.76	94	27574	20.997	ug/l	97
6) Chloroethane	2.91	64	28909	20.537	ug/l	99
7) Trichlorofluoromethane	3.24	101	16033	17.269	ug/l	94
8) Diethyl Ether	3.68	74	28009	21.804	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46001	20.686	ug/l	99
10) Methyl Iodide	4.27	142	63765	20.848	ug/l	100
11) Tert butyl alcohol	5.17	59	18670	96.591	ug/l	98
12) 1,1-Dichloroethene	4.03	96	47873	20.741	ug/l	94
13) Acrolein	3.89	56	12605	81.896	ug/l	97
14) Allyl chloride	4.65	41	82452	19.590	ug/l	99
15) Acrylonitrile	5.36	53	69551	106.310	ug/l	99
16) Acetone	4.12	43	61365	97.689	ug/l	99
17) Carbon Disulfide	4.38	76	131693	18.820	ug/l	99
18) Methyl Acetate	4.66	43	49409	27.010	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	76034	21.711	ug/l	99
20) Methylene Chloride	4.91	84	57535	23.218	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	50167	20.917	ug/l	95
22) Diisopropyl ether	6.31	45	201208	22.226	ug/l	99
23) Vinyl Acetate	6.25	43	559897	99.938	ug/l	99
24) 1,1-Dichloroethane	6.21	63	104064	21.891	ug/l	99
25) 2-Butanone	7.17	43	100974	102.402	ug/l	99
26) 2,2-Dichloropropane	7.16	77	46719	18.907	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	56059	21.668	ug/l	98
28) Bromochloromethane	7.51	49	45301	20.958	ug/l #	99
29) Tetrahydrofuran	7.52	42	68238	105.539	ug/l	99
30) Chloroform	7.67	83	95979	21.802	ug/l	99
31) Cyclohexane	7.95	56	100781	19.928	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	68868	20.565	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74605	20.420	ug/l	99
37) Ethyl Acetate	7.25	43	46530	21.197	ug/l	99
38) Carbon Tetrachloride	8.06	117	62083	20.045	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89199	20.143	ug/l	99
40) Benzene	8.32	78	217292	21.520	ug/l	96
41) Methacrylonitrile	7.48	41	28170	22.437	ug/l	92
42) 1,2-Dichloroethane	8.40	62	72572	22.156	ug/l	100
43) Isopropyl Acetate	8.42	43	85992	20.749	ug/l	98
44) Trichloroethene	9.09	130	51660	21.261	ug/l	95
45) 1,2-Dichloropropane	9.37	63	59651	21.816	ug/l	100
46) Dibromomethane	9.46	93	27961	21.769	ug/l	99
47) Bromodichloromethane	9.64	83	70503	21.453	ug/l	99
48) Methyl methacrylate	9.43	41	41731	20.930	ug/l	97
49) 1,4-Dioxane	9.45	88	8938	416.901	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	231089	106.741	ug/l	98
52) Toluene	10.38	92	132434	21.622	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	69637	19.907	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	83279	20.226	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39186	21.505	ug/l	98
56) Ethyl methacrylate	10.65	69	58040	20.922	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75651	21.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	144743	112.544	ug/l	100
59) 2-Hexanone	10.97	43	155582	103.625	ug/l	99
60) Dibromochloromethane	11.13	129	42253	21.147	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37052	21.467	ug/l	100
64) Tetrachloroethene	10.86	164	46168	22.121	ug/l	96
65) Chlorobenzene	11.66	112	133871	21.288	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	46475	20.990	ug/l	100
67) Ethyl Benzene	11.73	91	253624	21.068	ug/l	99
68) m/p-Xylenes	11.84	106	185506	42.587	ug/l	99
69) o-Xylene	12.16	106	86765	21.134	ug/l	99
70) Styrene	12.18	104	151459	21.376	ug/l	100
71) Bromoform	12.35	173	22495	19.108	ug/l #	100
73) Isopropylbenzene	12.46	105	235242	20.511	ug/l	100
74) N-amyl acetate	12.27	43	80325	20.109	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49334	20.984	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33637m	18.971	ug/l	
77) Bromobenzene	12.75	156	53440	20.762	ug/l	99
78) n-propylbenzene	12.80	91	290790	20.582	ug/l	100
79) 2-Chlorotoluene	12.89	91	171809	21.132	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	202872	20.821	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13635	17.394	ug/l	92
82) 4-Chlorotoluene	12.99	91	177294	20.937	ug/l	100
83) tert-Butylbenzene	13.21	119	167045	20.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	207650	21.224	ug/l	99
85) sec-Butylbenzene	13.38	105	241512	20.597	ug/l	100
86) p-Isopropyltoluene	13.50	119	216858	20.620	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	106244	21.454	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	105795	21.215	ug/l	98
89) n-Butylbenzene	13.82	91	217481	20.729	ug/l	99
90) Hexachloroethane	14.10	117	37422	19.472	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	96359	21.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7861	18.850	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	65154	21.055	ug/l	99
94) Hexachlorobutadiene	15.24	225	39550	20.818	ug/l	98
95) Naphthalene	15.37	128	123670	20.856	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	59186	21.672	ug/l	99

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

