

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012719.D
 Acq On : 07 Sep 2019 15:11
 Operator : SY/VA
 Sample : VW0907SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:02:54 PM

Quant Time: Sep 08 05:25:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147279	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.88	113	106486	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	10.32	98	482275	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	168506	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29868	22.164	ug/l	97
3) Chloromethane	2.21	50	35183	21.483	ug/l	97
4) Vinyl Chloride	2.36	62	41816	20.824	ug/l	99
5) Bromomethane	2.76	94	22941	21.039	ug/l	93
6) Chloroethane	2.92	64	23344	19.481	ug/l	99
7) Trichlorofluoromethane	3.25	101	24443	17.640	ug/l	100
8) Diethyl Ether	3.68	74	22661	19.458	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44681	20.547	ug/l	98
10) Methyl Iodide	4.27	142	56044	20.473	ug/l	99
11) Tert butyl alcohol	5.18	59	19089	89.831	ug/l	100
12) 1,1-Dichloroethene	4.04	96	41866	20.395	ug/l	94
13) Acrolein	3.89	56	21167	93.867	ug/l	97
14) Allyl chloride	4.67	41	85238	20.073	ug/l	99
15) Acrylonitrile	5.37	53	65588	96.420	ug/l	100
16) Acetone	4.12	43	64338	84.972	ug/l	98
17) Carbon Disulfide	4.39	76	95548	21.928	ug/l	97
18) Methyl Acetate	4.67	43	34178	19.240	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	81785	20.089	ug/l	97
20) Methylene Chloride	4.92	84	48752	20.581	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	44571	21.280	ug/l	99
22) Diisopropyl ether	6.31	45	175621	20.852	ug/l	90
23) Vinyl Acetate	6.25	43	544281	101.972	ug/l	100
24) 1,1-Dichloroethane	6.21	63	96603	21.302	ug/l	99
25) 2-Butanone	7.17	43	92024	95.725	ug/l	97
26) 2,2-Dichloropropane	7.17	77	58307	20.357	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	50171	20.658	ug/l	98
28) Bromochloromethane	7.51	49	33435	16.057	ug/l #	97
29) Tetrahydrofuran	7.52	42	48114	78.689	ug/l	99
30) Chloroform	7.67	83	79036	17.586	ug/l	97
31) Cyclohexane	7.95	56	80077	19.614	ug/l #	91
32) 1,1,1-Trichloroethane	7.87	97	65909	18.092	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66398	19.221	ug/l	99
37) Ethyl Acetate	7.25	43	39684	18.021	ug/l	99
38) Carbon Tetrachloride	8.07	117	62861	18.460	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74126	19.106	ug/l	99
40) Benzene	8.32	78	188167	19.633	ug/l	99
41) Methacrylonitrile	7.48	41	20229	16.315	ug/l	95
42) 1,2-Dichloroethane	8.40	62	64881	19.235	ug/l	100
43) Isopropyl Acetate	8.42	43	72710	17.428	ug/l	98
44) Trichloroethene	9.09	130	45655	18.480	ug/l	86
45) 1,2-Dichloropropane	9.37	63	49844	18.751	ug/l	98
46) Dibromomethane	9.46	93	24048	19.104	ug/l	99
47) Bromodichloromethane	9.65	83	66567	19.221	ug/l	97
48) Methyl methacrylate	9.43	41	35157	17.633	ug/l	99
49) 1,4-Dioxane	9.46	88	8550	343.861	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	198417	90.635	ug/l	99
52) Toluene	10.38	92	117832	19.698	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	65453	18.380	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	75816	18.767	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35975	19.089	ug/l	98
56) Ethyl methacrylate	10.65	69	51066	18.511	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66582	19.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	125419	85.640	ug/l	99
59) 2-Hexanone	10.97	43	134047	83.812	ug/l	100
60) Dibromochloromethane	11.13	129	41205	18.591	ug/l	99
61) 1,2-Dibromoethane	11.23	107	32191	18.632	ug/l	96
64) Tetrachloroethene	10.86	164	41044	19.892	ug/l	96
65) Chlorobenzene	11.66	112	124186	19.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	45394	18.966	ug/l	98
67) Ethyl Benzene	11.73	91	235309	19.514	ug/l	99
68) m/p-Xylenes	11.83	106	170587	39.192	ug/l	99
69) o-Xylene	12.16	106	80104	19.507	ug/l	99
70) Styrene	12.18	104	140186	19.320	ug/l	99
71) Bromoform	12.35	173	24491	18.418	ug/l	# 96
73) Isopropylbenzene	12.46	105	235088	19.177	ug/l	99
74) N-amyl acetate	12.27	43	70176	18.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43026	17.477	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	35440m	20.278	ug/l	
77) Bromobenzene	12.74	156	52080	18.752	ug/l	98
78) n-propylbenzene	12.80	91	278097	18.968	ug/l	99
79) 2-Chlorotoluene	12.89	91	159752	18.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	192855	18.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13284	16.076	ug/l	92
82) 4-Chlorotoluene	12.99	91	164278	18.452	ug/l	99
83) tert-Butylbenzene	13.21	119	172529	18.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	199185	19.137	ug/l	98
85) sec-Butylbenzene	13.38	105	241375	19.045	ug/l	99
86) p-Isopropyltoluene	13.50	119	220077	19.010	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	103082	18.883	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102144	18.804	ug/l	99
89) n-Butylbenzene	13.82	91	210800	18.756	ug/l	99
90) Hexachloroethane	14.09	117	37638	18.624	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	91783	18.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7858	17.441	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	64757	18.930	ug/l	98
94) Hexachlorobutadiene	15.24	225	45190	19.085	ug/l	99
95) Naphthalene	15.36	128	112353	18.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	58316	19.313	ug/l	99

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

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