

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100719\
 Data File : VW013462.D
 Acq On : 07 Oct 2019 14:44
 Operator : SY/VA
 Sample : VW1007SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 1:30:33 PM

Quant Time: Oct 07 17:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105650	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
35) Dibromofluoromethane	7.88	113	103247	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.32	98	425151	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.62	95	152246	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22165	22.534	ug/l	97
3) Chloromethane	2.21	50	34321	21.145	ug/l	97
4) Vinyl Chloride	2.36	62	49642	21.550	ug/l	97
5) Bromomethane	2.76	94	28336	20.022	ug/l	95
6) Chloroethane	2.92	64	25912	19.481	ug/l	100
7) Trichlorofluoromethane	3.25	101	19355	19.367	ug/l	95
8) Diethyl Ether	3.68	74	25755	22.266	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46528	20.999	ug/l	97
10) Methyl Iodide	4.27	142	75168	21.007	ug/l	98
11) Tert butyl alcohol	5.18	59	29889	186.282	ug/l	95
12) 1,1-Dichloroethene	4.04	96	48836	20.861	ug/l	90
13) Acrolein	3.89	56	22266	121.650	ug/l	99
14) Allyl chloride	4.66	41	73316	21.171	ug/l	96
15) Acrylonitrile	5.36	53	73021	139.645	ug/l	99
16) Acetone	4.12	43	62051	106.613	ug/l	91
17) Carbon Disulfide	4.38	76	136528	20.906	ug/l	96
18) Methyl Acetate	4.67	43	38767	28.458	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	84058	24.397	ug/l	96
20) Methylene Chloride	4.92	84	55619	21.884	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	50994	20.455	ug/l	98
22) Diisopropyl ether	6.31	45	145518	21.759	ug/l	98
23) Vinyl Acetate	6.25	43	496889	123.820	ug/l	100
24) 1,1-Dichloroethane	6.21	63	84423	20.725	ug/l	99
25) 2-Butanone	7.17	43	101461	136.237	ug/l	94
26) 2,2-Dichloropropane	7.17	77	56984	23.292	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	55917	21.428	ug/l	100
28) Bromochloromethane	7.51	49	27516	18.683	ug/l	92
29) Tetrahydrofuran	7.53	42	65094	154.140	ug/l	98
30) Chloroform	7.67	83	81157	20.318	ug/l	95
31) Cyclohexane	7.95	56	87983	20.253	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	67096	21.442	ug/l	98
36) 1,1-Dichloropropene	8.08	75	71549	20.918	ug/l	99
37) Ethyl Acetate	7.25	43	45617	30.277	ug/l	99
38) Carbon Tetrachloride	8.06	117	61583	20.784	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92075	20.440	ug/l	98
40) Benzene	8.32	78	200246	20.681	ug/l	99
41) Methacrylonitrile	7.48	41	24031	26.402	ug/l	94
42) 1,2-Dichloroethane	8.40	62	54029	21.711	ug/l	96
43) Isopropyl Acetate	8.42	43	74587	26.252	ug/l	97
44) Trichloroethene	9.09	130	57429	21.062	ug/l	95
45) 1,2-Dichloropropane	9.37	63	48869	21.021	ug/l	97
46) Dibromomethane	9.46	93	26341	22.748	ug/l	97
47) Bromodichloromethane	9.65	83	60219	21.125	ug/l	99
48) Methyl methacrylate	9.43	41	36885	27.019	ug/l	95
49) 1,4-Dioxane	9.45	88	12035	667.020	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	210963	141.324	ug/l	98
52) Toluene	10.38	92	130066	20.826	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65861	22.212	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	78313	21.784	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	40486	23.438	ug/l	98
56) Ethyl methacrylate	10.65	69	58866	25.318	ug/l	96
57) 1,3-Dichloropropane	10.93	76	69241	23.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	129741	135.843	ug/l	99
59) 2-Hexanone	10.97	43	148002	143.042	ug/l	100
60) Dibromochloromethane	11.13	129	45624	23.087	ug/l	98
61) 1,2-Dibromoethane	11.24	107	40313	24.151	ug/l	99
64) Tetrachloroethene	10.86	164	50438	20.960	ug/l	97
65) Chlorobenzene	11.66	112	135206	20.865	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47545	21.542	ug/l	99
67) Ethyl Benzene	11.73	91	247853	21.341	ug/l	97
68) m/p-Xylenes	11.84	106	191144	42.639	ug/l	99
69) o-Xylene	12.16	106	89089	21.494	ug/l	96
70) Styrene	12.18	104	154357	21.786	ug/l	99
71) Bromoform	12.35	173	30137	25.185	ug/l #	100
73) Isopropylbenzene	12.46	105	247672	20.670	ug/l	99
74) N-amyl acetate	12.27	43	66623	26.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	50388	24.845	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	34481m	23.683	ug/l	
77) Bromobenzene	12.74	156	59221	20.583	ug/l	98
78) n-propylbenzene	12.80	91	285638	20.723	ug/l	100
79) 2-Chlorotoluene	12.89	91	160266	20.934	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	206569	20.753	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16996	26.939	ug/l	95
82) 4-Chlorotoluene	12.99	91	166010	20.701	ug/l	99
83) tert-Butylbenzene	13.21	119	185009	21.280	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	206323	20.851	ug/l	98
85) sec-Butylbenzene	13.38	105	251364	20.970	ug/l	99
86) p-Isopropyltoluene	13.49	119	232966	20.971	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	113202	20.913	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	113665	20.972	ug/l	99
89) n-Butylbenzene	13.82	91	210462	21.014	ug/l	99
90) Hexachloroethane	14.09	117	39879	21.728	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	103963	21.726	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9162	30.202	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	75448	21.970	ug/l	100
94) Hexachlorobutadiene	15.24	225	47839	21.445	ug/l	98
95) Naphthalene	15.36	128	152068	26.250	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	67068	22.369	ug/l	99

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

