

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013378.D
 Acq On : 02 Oct 2019 15:11
 Operator : SY/VA
 Sample : VW1002SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1002SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:11:34 PM

Quant Time: Oct 02 16:19:29 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	323714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	207275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	135518	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	7.88	113	134333	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
50) Toluene-d8	10.32	98	562391	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
62) 4-Bromofluorobenzene	12.62	95	194059	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	27290	21.796	ug/l 96
3) Chloromethane	2.20	50	45575	22.058	ug/l 98
4) Vinyl Chloride	2.35	62	62952	21.469	ug/l 97
5) Bromomethane	2.76	94	38445	21.340	ug/l 92
6) Chloroethane	2.91	64	34067	20.120	ug/l 100
7) Trichlorofluoromethane	3.24	101	25892	20.353	ug/l 99
8) Diethyl Ether	3.68	74	30942	21.014	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60117	21.315	ug/l 99
10) Methyl Iodide	4.26	142	93255	20.474	ug/l 99
11) Tert butyl alcohol	5.17	59	16748m	63.639	ug/l
12) 1,1-Dichloroethene	4.04	96	61429	20.614	ug/l 99
13) Acrolein	3.89	56	28464	122.122	ug/l 97
14) Allyl chloride	4.67	41	88482	20.072	ug/l 98
15) Acrylonitrile	5.35	53	75308	113.138	ug/l 99
16) Acetone	4.11	43	66083	89.195	ug/l 98
17) Carbon Disulfide	4.38	76	177101	21.304	ug/l 98
18) Methyl Acetate	4.66	43	39280	22.652	ug/l 96
19) Methyl tert-butyl Ether	5.43	73	93865	21.402	ug/l 99
20) Methylene Chloride	4.91	84	71034	21.962	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	66012	20.801	ug/l 98
22) Diisopropyl ether	6.31	45	178177	20.930	ug/l 98
23) Vinyl Acetate	6.25	43	553715	108.395	ug/l 100
24) 1,1-Dichloroethane	6.21	63	108144	20.856	ug/l 98
25) 2-Butanone	7.17	43	102052	107.648	ug/l 91
26) 2,2-Dichloropropane	7.17	77	68296	21.829	ug/l 97
27) cis-1,2-Dichloroethene	7.17	96	68200	20.531	ug/l 99
28) Bromochloromethane	7.51	49	36072	19.240	ug/l # 96
29) Tetrahydrofuran	7.53	42	63949	121.172	ug/l 99
30) Chloroform	7.67	83	105239	20.698	ug/l 99
31) Cyclohexane	7.95	56	115513	20.889	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	84542	21.224	ug/l 99
36) 1,1-Dichloropropene	8.08	75	90793	21.206	ug/l 99
37) Ethyl Acetate	7.25	43	44087	23.411	ug/l 99
38) Carbon Tetrachloride	8.07	117	79433	21.417	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	118487	21.013	ug/l	99
40) Benzene	8.32	78	256885	21.195	ug/l	99
41) Methacrylonitrile	7.48	41	24989	21.933	ug/l	97
42) 1,2-Dichloroethane	8.40	62	66602	21.381	ug/l	99
43) Isopropyl Acetate	8.42	43	77326	21.743	ug/l	98
44) Trichloroethene	9.09	130	70850	20.759	ug/l	96
45) 1,2-Dichloropropane	9.37	63	60789	20.890	ug/l	99
46) Dibromomethane	9.46	93	30771	21.229	ug/l	96
47) Bromodichloromethane	9.64	83	74530	20.887	ug/l	98
48) Methyl methacrylate	9.44	41	40411	23.648	ug/l	94
49) 1,4-Dioxane	9.45	88	12676	557.879	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	207977	111.305	ug/l	99
52) Toluene	10.38	92	166588	21.310	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	78583	21.173	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	94084	20.908	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	46884	21.683	ug/l	97
56) Ethyl methacrylate	10.65	69	62896	21.611	ug/l	97
57) 1,3-Dichloropropane	10.93	76	80817	21.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	145957	122.087	ug/l	99
59) 2-Hexanone	10.97	43	144558	111.616	ug/l	99
60) Dibromochloromethane	11.13	129	52828	21.356	ug/l	100
61) 1,2-Dibromoethane	11.23	107	46388	22.202	ug/l	100
64) Tetrachloroethene	10.86	164	62073	20.312	ug/l	98
65) Chlorobenzene	11.66	112	173074	21.032	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	59171	21.111	ug/l	99
67) Ethyl Benzene	11.73	91	312809	21.209	ug/l	99
68) m/p-Xylenes	11.84	106	241615	42.442	ug/l	99
69) o-Xylene	12.16	106	109691	20.840	ug/l	98
70) Styrene	12.18	104	190711	21.196	ug/l	99
71) Bromoform	12.35	173	33728	22.196	ug/l #	97
73) Isopropylbenzene	12.46	105	310008	20.447	ug/l	100
74) N-amyl acetate	12.27	43	70666	21.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	55226	21.520	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	36233m	19.668	ug/l	
77) Bromobenzene	12.74	156	73868	20.290	ug/l	99
78) n-propylbenzene	12.80	91	362191	20.767	ug/l	100
79) 2-Chlorotoluene	12.89	91	202290	20.883	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	263714	20.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	17505	22.710	ug/l	97
82) 4-Chlorotoluene	12.99	91	211040	20.798	ug/l	99
83) tert-Butylbenzene	13.21	119	231073	21.005	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	261723	20.903	ug/l	98
85) sec-Butylbenzene	13.38	105	316033	20.836	ug/l	99
86) p-Isopropyltoluene	13.50	119	294477	20.950	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	142654	20.828	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	140388	20.471	ug/l	100
89) n-Butylbenzene	13.82	91	267184	21.083	ug/l	99
90) Hexachloroethane	14.09	117	49439	21.289	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	125585	20.741	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8747	22.788	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	91837	21.135	ug/l	99
94) Hexachlorobutadiene	15.24	225	60593	21.466	ug/l	99
95) Naphthalene	15.36	128	161327	22.009	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	82535	21.755	ug/l	97

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

