

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013377.D
 Acq On : 02 Oct 2019 14:45
 Operator : SY/VA
 Sample : VW1002SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1002SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:11:30 PM

Quant Time: Oct 02 16:17:46 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	324427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	198500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	129650	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
35) Dibromofluoromethane	7.88	113	126166	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.32	98	522802	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	177432	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23658	18.853	ug/l	98
3) Chloromethane	2.20	50	39820	19.230	ug/l	98
4) Vinyl Chloride	2.36	62	55409	18.855	ug/l	99
5) Bromomethane	2.76	94	32436	17.965	ug/l	98
6) Chloroethane	2.91	64	29208	17.212	ug/l	99
7) Trichlorofluoromethane	3.25	101	22560	17.695	ug/l	96
8) Diethyl Ether	3.67	74	29362	19.897	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53246	18.837	ug/l	97
10) Methyl Iodide	4.26	142	82473	18.067	ug/l	99
11) Tert butyl alcohol	5.18	59	22232	95.961	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	55978	18.744	ug/l	99
13) Acrolein	3.89	56	28057	120.286	ug/l	98
14) Allyl chloride	4.66	41	79411	17.974	ug/l	98
15) Acrylonitrile	5.36	53	74176	111.193	ug/l	98
16) Acetone	4.12	43	66106	89.030	ug/l	89
17) Carbon Disulfide	4.38	76	154200	18.508	ug/l	99
18) Methyl Acetate	4.66	43	36244	20.855	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	85140	19.370	ug/l	99
20) Methylene Chloride	4.92	84	59789	18.148	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	59001	18.551	ug/l	98
22) Diisopropyl ether	6.31	45	156764	18.374	ug/l	98
23) Vinyl Acetate	6.24	43	522517	102.063	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97211	18.706	ug/l	97
25) 2-Butanone	7.17	43	103243	108.665	ug/l	95
26) 2,2-Dichloropropane	7.17	77	62380	19.742	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61292	18.411	ug/l	99
28) Bromochloromethane	7.51	49	32604	17.352	ug/l	92
29) Tetrahydrofuran	7.53	42	62936	119.165	ug/l	97
30) Chloroform	7.67	83	92468	18.146	ug/l	99
31) Cyclohexane	7.95	56	101210	18.262	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	74858	18.751	ug/l	99
36) 1,1-Dichloropropene	8.08	75	81139	19.382	ug/l	99
37) Ethyl Acetate	7.25	43	44514	24.170	ug/l	98
38) Carbon Tetrachloride	8.06	117	70814	19.527	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	106953	19.399	ug/l	98
40) Benzene	8.32	78	225163	19.000	ug/l	100
41) Methacrylonitrile	7.48	41	25649	23.024	ug/l	95
42) 1,2-Dichloroethane	8.40	62	61025	20.036	ug/l	100
43) Isopropyl Acetate	8.42	43	75485	21.707	ug/l	96
44) Trichloroethene	9.09	130	63090	18.905	ug/l	93
45) 1,2-Dichloropropane	9.37	63	54353	19.102	ug/l	96
46) Dibromomethane	9.46	93	28434	20.063	ug/l	100
47) Bromodichloromethane	9.64	83	65545	18.787	ug/l	99
48) Methyl methacrylate	9.43	41	37490	22.438	ug/l	96
49) 1,4-Dioxane	9.46	88	11594	520.482	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	205079	112.248	ug/l	99
52) Toluene	10.38	92	145575	19.045	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70613	19.458	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	84584	19.224	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43405	20.530	ug/l	96
56) Ethyl methacrylate	10.65	69	59951	21.067	ug/l	96
57) 1,3-Dichloropropane	10.93	76	73587	20.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	138680	118.637	ug/l	99
59) 2-Hexanone	10.96	43	143180	113.065	ug/l	99
60) Dibromochloromethane	11.13	129	48172	19.917	ug/l	99
61) 1,2-Dibromoethane	11.23	107	42890	20.994	ug/l	99
64) Tetrachloroethene	10.86	164	54909	18.691	ug/l	95
65) Chlorobenzene	11.66	112	149627	18.914	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51825	19.234	ug/l	98
67) Ethyl Benzene	11.73	91	272350	19.209	ug/l	99
68) m/p-Xylenes	11.84	106	212411	38.813	ug/l	99
69) o-Xylene	12.16	106	97946	19.357	ug/l	97
70) Styrene	12.18	104	169135	19.554	ug/l	99
71) Bromoform	12.35	173	31024	21.237	ug/l #	100
73) Isopropylbenzene	12.46	105	276560	19.047	ug/l	100
74) N-amyl acetate	12.27	43	66372	21.479	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51664	21.022	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34193m	19.382	ug/l	
77) Bromobenzene	12.74	156	65152	18.687	ug/l	98
78) n-propylbenzene	12.80	91	318029	19.041	ug/l	100
79) 2-Chlorotoluene	12.89	91	177641	19.149	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	230785	19.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17551	23.579	ug/l	98
82) 4-Chlorotoluene	12.99	91	188004	19.347	ug/l	100
83) tert-Butylbenzene	13.21	119	202192	19.192	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	226747	18.911	ug/l	99
85) sec-Butylbenzene	13.38	105	282257	19.432	ug/l	99
86) p-Isopropyltoluene	13.50	119	263979	19.610	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	124224	18.939	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	125398	19.093	ug/l	99
89) n-Butylbenzene	13.82	91	237632	19.580	ug/l	100
90) Hexachloroethane	14.09	117	42846	19.265	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	113602	19.592	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8779	23.882	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	80698	19.392	ug/l	99
94) Hexachlorobutadiene	15.24	225	52947	19.587	ug/l	100
95) Naphthalene	15.36	128	146624	20.887	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	69072	19.011	ug/l	99

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

