

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013402.D
 Acq On : 03 Oct 2019 03:44
 Operator : SY/VA
 Sample : VW1002SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1002SBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:11:08 PM

Quant Time: Oct 04 08:20:44 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	302086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	185121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	134056	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	
35) Dibromofluoromethane	7.88	113	127582	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
50) Toluene-d8	10.32	98	530404	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
62) 4-Bromofluorobenzene	12.62	95	177367	57.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26653	22.811	ug/l	100
3) Chloromethane	2.20	50	42140	21.856	ug/l	98
4) Vinyl Chloride	2.35	62	58893	21.522	ug/l	98
5) Bromomethane	2.76	94	33971	20.207	ug/l	97
6) Chloroethane	2.91	64	31482	19.924	ug/l	100
7) Trichlorofluoromethane	3.25	101	22036	18.562	ug/l	89
8) Diethyl Ether	3.67	74	29394	21.392	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57880	21.991	ug/l	99
10) Methyl Iodide	4.26	142	83606	19.670	ug/l	99
11) Tert butyl alcohol	5.18	59	30946	159.063	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	56558	20.338	ug/l	98
13) Acrolein	3.89	56	22906	106.768	ug/l	98
14) Allyl chloride	4.66	41	81106	19.716	ug/l	97
15) Acrylonitrile	5.36	53	81483	131.179	ug/l	98
16) Acetone	4.12	43	62914	90.997	ug/l	91
17) Carbon Disulfide	4.38	76	157563	20.310	ug/l	99
18) Methyl Acetate	4.67	43	48811	30.163	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	92487	22.597	ug/l	96
20) Methylene Chloride	4.90	84	62529	20.612	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	61585	20.796	ug/l	100
22) Diisopropyl ether	6.31	45	167537	21.089	ug/l	99
23) Vinyl Acetate	6.25	43	516821	108.416	ug/l	99
24) 1,1-Dichloroethane	6.21	63	100393	20.747	ug/l	97
25) 2-Butanone	7.17	43	105882	119.685	ug/l	95
26) 2,2-Dichloropropane	7.17	77	53714	18.128	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	64090	20.675	ug/l	97
28) Bromochloromethane	7.51	49	33723	19.275	ug/l	98
29) Tetrahydrofuran	7.53	42	70633	141.639	ug/l	98
30) Chloroform	7.67	83	97521	20.553	ug/l	99
31) Cyclohexane	7.95	56	112901	21.879	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	80742	21.721	ug/l	99
36) 1,1-Dichloropropene	8.08	75	87222	22.206	ug/l	98
37) Ethyl Acetate	7.25	43	47865	27.679	ug/l	98
38) Carbon Tetrachloride	8.06	117	77331	22.728	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	119445	23.091	ug/l	97
40) Benzene	8.32	78	239073	21.502	ug/l	99
41) Methacrylonitrile	7.48	41	27016	25.848	ug/l	96
42) 1,2-Dichloroethane	8.40	62	63714	22.296	ug/l	98
43) Isopropyl Acetate	8.42	43	80471	24.665	ug/l	99
44) Trichloroethene	9.09	130	68201	21.782	ug/l	94
45) 1,2-Dichloropropane	9.37	63	57731	21.625	ug/l	98
46) Dibromomethane	9.46	93	30379	22.847	ug/l	95
47) Bromodichloromethane	9.64	83	71072	21.712	ug/l	98
48) Methyl methacrylate	9.43	41	41278	26.331	ug/l	97
49) 1,4-Dioxane	9.46	88	13187	635.491	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	227091	132.479	ug/l	97
52) Toluene	10.38	92	153814	21.448	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72244	21.218	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	85499	20.711	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	46530	23.457	ug/l	97
56) Ethyl methacrylate	10.64	69	63705	23.860	ug/l	98
57) 1,3-Dichloropropane	10.93	76	78916	22.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	139615	127.300	ug/l	97
59) 2-Hexanone	10.97	43	156101	131.383	ug/l	100
60) Dibromochloromethane	11.13	129	49802	21.946	ug/l	100
61) 1,2-Dibromoethane	11.23	107	45450	23.712	ug/l	99
64) Tetrachloroethene	10.86	164	66740	24.091	ug/l	95
65) Chlorobenzene	11.66	112	160632	21.532	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	55285	21.758	ug/l	99
67) Ethyl Benzene	11.73	91	292926	21.908	ug/l	97
68) m/p-Xylenes	11.84	106	223120	43.233	ug/l	100
69) o-Xylene	12.16	106	103788	21.751	ug/l	96
70) Styrene	12.18	104	175013	21.456	ug/l	99
71) Bromoform	12.35	173	33334	24.197	ug/l #	98
73) Isopropylbenzene	12.46	105	291624	21.536	ug/l	100
74) N-amyl acetate	12.27	43	69611	24.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	57165	24.942	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36941m	22.452	ug/l	
77) Bromobenzene	12.74	156	67139	20.649	ug/l	96
78) n-propylbenzene	12.80	91	338961	21.761	ug/l	100
79) 2-Chlorotoluene	12.89	91	183460	21.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	238574	21.209	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	15915	23.042	ug/l	96
82) 4-Chlorotoluene	12.99	91	193435	21.344	ug/l	99
83) tert-Butylbenzene	13.20	119	216813	22.067	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	239614	21.428	ug/l	98
85) sec-Butylbenzene	13.38	105	299582	22.115	ug/l	100
86) p-Isopropyltoluene	13.49	119	272560	21.711	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	127412	20.828	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126380	20.634	ug/l	98
89) n-Butylbenzene	13.82	91	238075	21.035	ug/l	100
90) Hexachloroethane	14.09	117	44164	21.293	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	115064	21.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9559	27.884	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	78187	20.147	ug/l	98
94) Hexachlorobutadiene	15.24	225	54451	21.599	ug/l	97
95) Naphthalene	15.36	128	157613	24.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	71176	21.006	ug/l	100

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

