

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011744.D
 Acq On : 07 Aug 2019 12:13
 Operator : SY/VA
 Sample : VW0808SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2019 9:30:50 AM

Quant Time: Aug 07 16:42:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	147271	55.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.74%	
35) Dibromofluoromethane	7.88	113	117200	57.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.56%	
50) Toluene-d8	10.32	98	483503	57.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.44%	
62) 4-Bromofluorobenzene	12.61	95	170971	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32638	25.284	ug/l	94
3) Chloromethane	2.21	50	47715	21.317	ug/l	95
4) Vinyl Chloride	2.36	62	58820	21.827	ug/l	99
5) Bromomethane	2.77	94	28294	18.969	ug/l	96
6) Chloroethane	2.92	64	31911	20.730	ug/l	99
7) Trichlorofluoromethane	3.25	101	29133	24.190	ug/l	97
8) Diethyl Ether	3.68	74	27363	20.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	50231	21.986	ug/l	100
10) Methyl Iodide	4.28	142	66619	20.634	ug/l	99
11) Tert butyl alcohol	5.18	59	19846	89.675	ug/l	97
12) 1,1-Dichloroethene	4.04	96	50435	20.908	ug/l	96
13) Acrolein	3.90	56	14293	74.896	ug/l	93
14) Allyl chloride	4.67	41	107331	20.920	ug/l	99
15) Acrylonitrile	5.37	53	68757	100.868	ug/l	99
16) Acetone	4.13	43	70201	82.977	ug/l	98
17) Carbon Disulfide	4.38	76	157487	20.860	ug/l	98
18) Methyl Acetate	4.67	43	39683	20.879	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	79349	20.729	ug/l	99
20) Methylene Chloride	4.92	84	57826	19.819	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	55160	21.210	ug/l	99
22) Diisopropyl ether	6.31	45	200673	20.746	ug/l	99
23) Vinyl Acetate	6.26	43	617675	101.623	ug/l	99
24) 1,1-Dichloroethane	6.21	63	107329	20.718	ug/l	99
25) 2-Butanone	7.18	43	102969	93.012	ug/l	98
26) 2,2-Dichloropropane	7.16	77	65423	20.535	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	57994	20.262	ug/l	97
28) Bromochloromethane	7.51	49	47999	20.874	ug/l	98
29) Tetrahydrofuran	7.53	42	62936	99.456	ug/l	100
30) Chloroform	7.68	83	99066	20.728	ug/l	98
31) Cyclohexane	7.95	56	105621	21.239	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	79800	21.924	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83719	22.077	ug/l	98
37) Ethyl Acetate	7.26	43	45358	20.790	ug/l	98
38) Carbon Tetrachloride	8.07	117	72714	22.398	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90721	21.726	ug/l	96
40) Benzene	8.32	78	227563	21.423	ug/l	100
41) Methacrylonitrile	7.48	41	25060	19.215	ug/l	94
42) 1,2-Dichloroethane	8.40	62	71772	21.581	ug/l	99
43) Isopropyl Acetate	8.43	43	84162	20.975	ug/l	100
44) Trichloroethene	9.09	130	54653	21.407	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61531	21.649	ug/l	100
46) Dibromomethane	9.46	93	27727	21.374	ug/l	99
47) Bromodichloromethane	9.65	83	71273	20.946	ug/l	99
48) Methyl methacrylate	9.43	41	39102	20.287	ug/l	97
49) 1,4-Dioxane	9.46	88	7707	410.323	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	215887	103.441	ug/l	99
52) Toluene	10.39	92	138295	21.559	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74494	20.957	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	87683	20.747	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	38421	20.875	ug/l	99
56) Ethyl methacrylate	10.65	69	56656	21.036	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73200	21.022	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	132393	108.264	ug/l	100
59) 2-Hexanone	10.97	43	150524	102.147	ug/l	100
60) Dibromochloromethane	11.13	129	43232	21.161	ug/l	98
61) 1,2-Dibromoethane	11.24	107	36661	21.048	ug/l	100
64) Tetrachloroethene	10.86	164	45604	21.818	ug/l	99
65) Chlorobenzene	11.66	112	137206	21.259	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47427	21.097	ug/l	98
67) Ethyl Benzene	11.73	91	263598	21.445	ug/l	100
68) m/p-Xylenes	11.84	106	191365	42.810	ug/l	100
69) o-Xylene	12.17	106	88510	21.308	ug/l	99
70) Styrene	12.18	104	153980	21.439	ug/l	100
71) Bromoform	12.35	173	24307	21.207	ug/l	98
73) Isopropylbenzene	12.46	105	249179	21.047	ug/l	99
74) N-amyl acetate	12.27	43	75700	20.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46367	20.821	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33454m	19.922	ug/l	
77) Bromobenzene	12.75	156	55307	21.135	ug/l	98
78) n-propylbenzene	12.80	91	308695	21.425	ug/l	99
79) 2-Chlorotoluene	12.89	91	175996	21.202	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211012	21.262	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	15029	20.627	ug/l	100
82) 4-Chlorotoluene	12.99	91	184169	21.147	ug/l	100
83) tert-Butylbenzene	13.21	119	177901	21.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	210941	21.100	ug/l	100
85) sec-Butylbenzene	13.38	105	258355	21.817	ug/l	100
86) p-Isopropyltoluene	13.50	119	230336	21.438	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	107309	20.914	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106185	20.804	ug/l	98
89) n-Butylbenzene	13.82	91	228825	21.341	ug/l	99
90) Hexachloroethane	14.09	117	39712	20.902	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	95269	20.993	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7899	20.800	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	66844	20.899	ug/l	99
94) Hexachlorobutadiene	15.24	225	44244	22.182	ug/l	99
95) Naphthalene	15.37	128	115714	19.772	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58279	20.788	ug/l	99

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

