

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\
 Data File : VW010685.D
 Acq On : 05 Jun 2019 11:58
 Operator : SY/VA
 Sample : VW0605SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/6/2019 11:51:44 AM

Quant Time: Jun 05 15:28:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173736	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.88	113	132833	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
50) Toluene-d8	10.32	98	561553	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.62	95	205557	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	52176	21.147 ug/l	98
3) Chloromethane	2.21	50	75409	20.774 ug/l	97
4) Vinyl Chloride	2.36	62	69069	20.594 ug/l	99
5) Bromomethane	2.74	94	37585	20.407 ug/l	100
6) Chloroethane	2.90	64	41528	20.629 ug/l	97
7) Trichlorofluoromethane	3.25	101	90872	20.873 ug/l	99
8) Diethyl Ether	3.68	74	32282	20.749 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55395	20.696 ug/l	100
10) Methyl Iodide	4.27	142	46005	19.882 ug/l	99
11) Tert butyl alcohol	5.17	59	28465	111.029 ug/l	98
12) 1,1-Dichloroethene	4.03	96	53787	20.832 ug/l	97
13) Acrolein	3.90	56	11565	110.392 ug/l	96
14) Allyl chloride	4.67	41	119122	20.924 ug/l	98
15) Acrylonitrile	5.37	53	81647	108.021 ug/l	98
16) Acetone	4.12	43	85467	101.358 ug/l	97
17) Carbon Disulfide	4.37	76	169516	20.682 ug/l	99
18) Methyl Acetate	4.68	43	40894	22.530 ug/l	98
19) Methyl tert-butyl Ether	5.42	73	156617	21.031 ug/l	99
20) Methylene Chloride	4.92	84	62099	20.993 ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	60485	20.636 ug/l	100
22) Diisopropyl ether	6.31	45	237957	20.878 ug/l	97
23) Vinyl Acetate	6.26	43	736382	107.056 ug/l	100
24) 1,1-Dichloroethane	6.21	63	118993	20.832 ug/l	99
25) 2-Butanone	7.17	43	125547	107.375 ug/l	99
26) 2,2-Dichloropropane	7.17	77	99127	21.327 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	65987	20.457 ug/l	100
28) Bromochloromethane	7.51	49	53245	20.888 ug/l	97
29) Tetrahydrofuran	7.53	42	80591	109.582 ug/l	99
30) Chloroform	7.68	83	107970	20.666 ug/l	99
31) Cyclohexane	7.95	56	127504	20.081 ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	95607	20.949 ug/l	100
36) 1,1-Dichloropropene	8.09	75	92746	20.798 ug/l	99
37) Ethyl Acetate	7.25	43	52903	21.409 ug/l	99
38) Carbon Tetrachloride	8.07	117	80290	20.857 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	115091	20.303	ug/l	97
40) Benzene	8.32	78	251401	20.666	ug/l	99
41) Methacrylonitrile	7.49	41	30937	21.063	ug/l	98
42) 1,2-Dichloroethane	8.40	62	81890	21.209	ug/l	99
43) Isopropyl Acetate	8.42	43	102794	21.532	ug/l	99
44) Trichloroethene	9.09	130	61650	20.544	ug/l	99
45) 1,2-Dichloropropane	9.37	63	67253	20.884	ug/l	99
46) Dibromomethane	9.46	93	31626	21.144	ug/l	99
47) Bromodichloromethane	9.65	83	81288	20.965	ug/l	98
48) Methyl methacrylate	9.44	41	48739	21.175	ug/l	98
49) 1,4-Dioxane	9.45	88	10289	439.977	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	266334	109.203	ug/l	100
52) Toluene	10.39	92	155875	20.825	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	86823	21.142	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	101787	21.063	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45551	21.140	ug/l	97
56) Ethyl methacrylate	10.65	69	71345	21.518	ug/l	98
57) 1,3-Dichloropropane	10.93	76	85049	20.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	180361	103.855	ug/l	99
59) 2-Hexanone	10.97	43	192611	109.274	ug/l	100
60) Dibromochloromethane	11.13	129	50219	21.024	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42906	21.016	ug/l	98
64) Tetrachloroethene	10.87	164	51116	20.058	ug/l	98
65) Chlorobenzene	11.66	112	155547	20.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	53315	20.405	ug/l	98
67) Ethyl Benzene	11.73	91	298130	20.552	ug/l	99
68) m/p-Xylenes	11.84	106	215342	41.470	ug/l	99
69) o-Xylene	12.17	106	101655	20.641	ug/l	97
70) Styrene	12.18	104	177061	20.696	ug/l	99
71) Bromoform	12.35	173	28775	21.294	ug/l #	99
73) Isopropylbenzene	12.47	105	284988	20.598	ug/l	99
74) N-amyl acetate	12.27	43	96602	21.604	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	55815	21.191	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41087m	21.251	ug/l	
77) Bromobenzene	12.75	156	61773	20.454	ug/l	98
78) n-propylbenzene	12.80	91	340418	20.405	ug/l	100
79) 2-Chlorotoluene	12.90	91	196277	20.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	231078	20.405	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	18022	21.423	ug/l	99
82) 4-Chlorotoluene	12.99	91	204128	20.754	ug/l	99
83) tert-Butylbenzene	13.21	119	195691	20.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	232646	20.415	ug/l	100
85) sec-Butylbenzene	13.38	105	284775	20.351	ug/l	100
86) p-Isopropyltoluene	13.50	119	254246	20.318	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121328	20.832	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	119026	20.614	ug/l	99
89) n-Butylbenzene	13.83	91	253795	20.327	ug/l	100
90) Hexachloroethane	14.10	117	45548	20.325	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	107626	20.549	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9576	21.172	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75845	20.635	ug/l	98
94) Hexachlorobutadiene	15.24	225	46804	20.290	ug/l	99
95) Naphthalene	15.37	128	140701	21.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	66013	21.119	ug/l	98

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

