

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009105.D
 Acq On : 12 Mar 2019 01:17
 Operator : SY/VA
 Sample : VW0311SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBS02

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 1:16:13 PM

Quant Time: Mar 12 09:50:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	236430	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	162287	57.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.96%	
35) Dibromofluoromethane	7.88	113	133799	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.32	98	542465	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.62	95	214050	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	58154	20.740	ug/l	95
3) Chloromethane	2.21	50	71655	20.116	ug/l	96
4) Vinyl Chloride	2.35	62	72569	20.075	ug/l	93
5) Bromomethane	2.74	94	67104	21.991	ug/l	96
6) Chloroethane	2.90	64	52118	20.252	ug/l	95
7) Trichlorofluoromethane	3.25	101	91420	19.642	ug/l	99
8) Diethyl Ether	3.68	74	31665	22.250	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54915	18.944	ug/l	97
10) Methyl Iodide	4.27	142	37826	14.450	ug/l	99
11) Tert butyl alcohol	5.17	59	29227	136.254	ug/l	100
12) 1,1-Dichloroethene	4.03	96	49793	19.913	ug/l	97
13) Acrolein	3.89	56	22495	95.301	ug/l	99
14) Allyl chloride	4.66	41	91491	20.743	ug/l	98
15) Acrylonitrile	5.37	53	71191	114.615	ug/l	97
16) Acetone	4.12	43	61997	98.149	ug/l	99
17) Carbon Disulfide	4.37	76	160952	19.131	ug/l	100
18) Methyl Acetate	4.67	43	32622	22.459	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	149624	22.620	ug/l	100
20) Methylene Chloride	4.90	84	62402	17.470	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	57753	20.003	ug/l	92
22) Diisopropyl ether	6.31	45	190452	21.728	ug/l	98
23) Vinyl Acetate	6.25	43	590796	108.312	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108596	21.360	ug/l	99
25) 2-Butanone	7.17	43	97643	111.852	ug/l	90
26) 2,2-Dichloropropane	7.17	77	83444	18.057	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	64965	20.951	ug/l	100
28) Bromochloromethane	7.51	49	44340	20.968	ug/l	97
29) Tetrahydrofuran	7.52	42	64766	117.730	ug/l	99
30) Chloroform	7.67	83	110247	21.063	ug/l	94
31) Cyclohexane	7.95	56	100739	19.298	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	97315	20.146	ug/l	99
36) 1,1-Dichloropropene	8.08	75	85538	18.851	ug/l	98
37) Ethyl Acetate	7.25	43	43682	20.495	ug/l	97
38) Carbon Tetrachloride	8.07	117	86028	18.358	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96279	17.814	ug/l	98
40) Benzene	8.32	78	234769	19.382	ug/l	99
41) Methacrylonitrile	7.48	41	24506	20.705	ug/l	93
42) 1,2-Dichloroethane	8.40	62	78510	20.076	ug/l	99
43) Isopropyl Acetate	8.43	43	83274	20.978	ug/l	98
44) Trichloroethene	9.09	130	64151	18.896	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58692	19.346	ug/l	97
46) Dibromomethane	9.46	93	33463	20.197	ug/l	98
47) Bromodichloromethane	9.64	83	82600	19.694	ug/l	97
48) Methyl methacrylate	9.43	41	37323	20.192	ug/l #	85
49) 1,4-Dioxane	9.45	88	10545	444.453	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	215967	107.166	ug/l	100
52) Toluene	10.38	92	154413	18.797	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	81447	19.635	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	92803	19.468	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	45661	20.333	ug/l	95
56) Ethyl methacrylate	10.65	69	57306	20.561	ug/l	99
57) 1,3-Dichloropropane	10.93	76	82461	20.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	149660	103.582	ug/l	100
59) 2-Hexanone	10.97	43	149684	105.643	ug/l	98
60) Dibromochloromethane	11.13	129	54075	19.458	ug/l	97
61) 1,2-Dibromoethane	11.23	107	43899	19.941	ug/l	99
64) Tetrachloroethene	10.86	164	61459	20.155	ug/l	92
65) Chlorobenzene	11.66	112	177125	19.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58481	19.030	ug/l	97
67) Ethyl Benzene	11.73	91	311865	18.757	ug/l	98
68) m/p-Xylenes	11.84	106	245506	37.409	ug/l	100
69) o-Xylene	12.16	106	115643	18.938	ug/l	98
70) Styrene	12.18	104	184506	18.675	ug/l	98
71) Bromoform	12.35	173	33022	20.013	ug/l #	100
73) Isopropylbenzene	12.46	105	314745	18.590	ug/l	100
74) N-amyl acetate	12.27	43	82557	20.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	54748	20.499	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	39550m	21.172	ug/l	
77) Bromobenzene	12.75	156	74507	19.260	ug/l	97
78) n-propylbenzene	12.80	91	390628	18.731	ug/l	99
79) 2-Chlorotoluene	12.90	91	219578	18.740	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	273346	18.730	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15712	18.814	ug/l	98
82) 4-Chlorotoluene	12.99	91	235119	18.824	ug/l	99
83) tert-Butylbenzene	13.21	119	232666	18.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	279335	18.921	ug/l	99
85) sec-Butylbenzene	13.38	105	338013	18.535	ug/l	100
86) p-Isopropyltoluene	13.50	119	299182	18.339	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	152524	18.761	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151794	18.893	ug/l	99
89) n-Butylbenzene	13.83	91	280495	18.086	ug/l	100
90) Hexachloroethane	14.10	117	52656	18.714	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	139446	19.440	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10329	21.715	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93807	19.365	ug/l	98
94) Hexachlorobutadiene	15.24	225	57625	18.991	ug/l	97
95) Naphthalene	15.37	128	163712	20.645	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	82450	19.356	ug/l	98

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

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