

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011222.D
 Acq On : 11 Jul 2019 12:02
 Operator : SY/VA
 Sample : VW0712SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 2:05:59 PM

Quant Time: Jul 12 08:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	127654	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.88	113	100688	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.32	98	411256	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
62) 4-Bromofluorobenzene	12.62	95	150406	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33612	20.324	ug/l	99
3) Chloromethane	2.21	50	43421	20.376	ug/l	96
4) Vinyl Chloride	2.36	62	55656	19.954	ug/l	97
5) Bromomethane	2.77	94	27614	19.702	ug/l	91
6) Chloroethane	2.92	64	29230	19.456	ug/l	99
7) Trichlorofluoromethane	3.24	101	17076	17.233	ug/l	97
8) Diethyl Ether	3.67	74	26333	19.207	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	46374	19.539	ug/l	99
10) Methyl Iodide	4.27	142	62669	19.198	ug/l	99
11) Tert butyl alcohol	5.17	59	19430	94.187	ug/l	100
12) 1,1-Dichloroethene	4.03	96	47348	19.221	ug/l	95
13) Acrolein	3.89	56	12133	73.861	ug/l	100
14) Allyl chloride	4.66	41	84296	18.765	ug/l	99
15) Acrylonitrile	5.36	53	66845	95.734	ug/l	99
16) Acetone	4.12	43	68797	102.617	ug/l	99
17) Carbon Disulfide	4.38	76	132443	17.734	ug/l	98
18) Methyl Acetate	4.67	43	44778	22.716	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	72868	19.495	ug/l	100
20) Methylene Chloride	4.91	84	54241	20.509	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49682	19.409	ug/l	95
22) Diisopropyl ether	6.31	45	192151	19.888	ug/l	99
23) Vinyl Acetate	6.25	43	556299	93.037	ug/l	100
24) 1,1-Dichloroethane	6.21	63	98035	19.323	ug/l	99
25) 2-Butanone	7.17	43	100569	95.563	ug/l	100
26) 2,2-Dichloropropane	7.16	77	49434	18.745	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	53256	19.287	ug/l	100
28) Bromochloromethane	7.51	49	43437	18.829	ug/l	100
29) Tetrahydrofuran	7.52	42	66179	95.903	ug/l	99
30) Chloroform	7.67	83	91139	19.397	ug/l	98
31) Cyclohexane	7.95	56	103355	19.149	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	68574	19.186	ug/l	99
36) 1,1-Dichloropropene	8.08	75	74567	19.405	ug/l	99
37) Ethyl Acetate	7.25	43	45348	19.641	ug/l	99
38) Carbon Tetrachloride	8.06	117	61856	18.988	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	91231	19.588	ug/l	98
40) Benzene	8.32	78	207711	19.559	ug/l	98
41) Methacrylonitrile	7.48	41	26419	20.007	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67535	19.604	ug/l	100
43) Isopropyl Acetate	8.42	43	83216	19.090	ug/l	99
44) Trichloroethene	9.09	130	49782	19.480	ug/l	95
45) 1,2-Dichloropropane	9.37	63	56742	19.731	ug/l	100
46) Dibromomethane	9.46	93	26377	19.525	ug/l	98
47) Bromodichloromethane	9.64	83	65347	18.905	ug/l	99
48) Methyl methacrylate	9.43	41	39824	18.990	ug/l	97
49) 1,4-Dioxane	9.45	88	9313	413.007	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	221819	97.415	ug/l	99
52) Toluene	10.38	92	127626	19.811	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	68089	18.506	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	81409	18.798	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37627	19.633	ug/l	97
56) Ethyl methacrylate	10.65	69	55820	19.131	ug/l	99
57) 1,3-Dichloropropane	10.93	76	71614	19.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	136555	100.950	ug/l	100
59) 2-Hexanone	10.97	43	155747	98.628	ug/l	99
60) Dibromochloromethane	11.13	129	38787	18.456	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35801	19.721	ug/l	98
64) Tetrachloroethene	10.86	164	41969	19.355	ug/l	99
65) Chlorobenzene	11.66	112	127612	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44538	19.361	ug/l	98
67) Ethyl Benzene	11.73	91	245990	19.668	ug/l	99
68) m/p-Xylenes	11.84	106	178367	39.413	ug/l	100
69) o-Xylene	12.16	106	83499	19.576	ug/l	100
70) Styrene	12.18	104	144249	19.595	ug/l	99
71) Bromoform	12.35	173	21551	17.620	ug/l #	99
73) Isopropylbenzene	12.46	105	232765	19.509	ug/l	100
74) N-amyl acetate	12.27	43	80087	19.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46808	19.138	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31645m	17.156	ug/l	
77) Bromobenzene	12.74	156	51679	19.300	ug/l	99
78) n-propylbenzene	12.80	91	287535	19.563	ug/l	100
79) 2-Chlorotoluene	12.89	91	166101	19.639	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	198088	19.542	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13404	16.437	ug/l	96
82) 4-Chlorotoluene	12.99	91	174157	19.769	ug/l	99
83) tert-Butylbenzene	13.21	119	166950	19.749	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	200170	19.667	ug/l	99
85) sec-Butylbenzene	13.38	105	241868	19.828	ug/l	100
86) p-Isopropyltoluene	13.50	119	215496	19.697	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	103677	20.125	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	101256	19.518	ug/l	97
89) n-Butylbenzene	13.82	91	220798	20.230	ug/l	99
90) Hexachloroethane	14.09	117	36462	18.238	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	91588	19.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7778	17.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	66585	20.684	ug/l	98
94) Hexachlorobutadiene	15.24	225	40306	20.394	ug/l	99
95) Naphthalene	15.37	128	122746	19.898	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	58212	20.489	ug/l	99

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

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