

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013977.D
 Acq On : 12 Nov 2019 16:03
 Operator : SY/VA
 Sample : VW1112SBSD01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:33:25 AM

Quant Time: Nov 13 07:19:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	161343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	95404	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	7.88	113	96520	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.32	98	385574	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.62	95	135169	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32922	25.315	ug/l	94
3) Chloromethane	2.21	50	29858	21.363	ug/l	93
4) Vinyl Chloride	2.36	62	50880	24.105	ug/l	98
5) Bromomethane	2.78	94	33650	24.240	ug/l	95
6) Chloroethane	2.92	64	30400	23.802	ug/l	99
7) Trichlorofluoromethane	3.25	101	25969	19.697	ug/l	95
8) Diethyl Ether	3.68	74	25771	24.195	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48737	22.739	ug/l	98
10) Methyl Iodide	4.28	142	82006	23.480	ug/l	99
11) Tert butyl alcohol	5.16	59	18011	162.923	ug/l	98
12) 1,1-Dichloroethene	4.04	96	51568	23.293	ug/l	98
13) Acrolein	3.89	56	11165	88.155	ug/l	93
14) Allyl chloride	4.67	41	73975	21.730	ug/l	99
15) Acrylonitrile	5.36	53	54125	124.967	ug/l	98
16) Acetone	4.12	43	46646	118.800	ug/l	92
17) Carbon Disulfide	4.38	76	147290	23.166	ug/l	99
18) Methyl Acetate	4.66	43	35141	32.649	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	64062	24.113	ug/l	98
20) Methylene Chloride	4.92	84	59728	25.302	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	55096	23.122	ug/l	98
22) Diisopropyl ether	6.31	45	149762	24.117	ug/l	99
23) Vinyl Acetate	6.25	43	429120	119.097	ug/l	99
24) 1,1-Dichloroethane	6.21	63	92093	23.417	ug/l	98
25) 2-Butanone	7.16	43	73421	130.064	ug/l #	88
26) 2,2-Dichloropropane	7.16	77	53315	23.444	ug/l	95
27) cis-1,2-Dichloroethene	7.16	96	58561	23.138	ug/l	95
28) Bromochloromethane	7.51	49	24700	18.496	ug/l #	100
29) Tetrahydrofuran	7.52	42	48073	137.554	ug/l	99
30) Chloroform	7.67	83	95584	24.586	ug/l	99
31) Cyclohexane	7.95	56	89194	21.672	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71774	23.526	ug/l	100
36) 1,1-Dichloropropene	8.08	75	75291	22.500	ug/l	99
37) Ethyl Acetate	7.24	43	32922	25.701	ug/l	99
38) Carbon Tetrachloride	8.06	117	68474	22.723	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	92677	21.446	ug/l	96
40) Benzene	8.32	78	216019	22.810	ug/l	100
41) Methacrylonitrile	7.48	41	19762	24.739	ug/l	96
42) 1,2-Dichloroethane	8.40	62	56309	23.595	ug/l	99
43) Isopropyl Acetate	8.42	43	60507	24.677	ug/l	99
44) Trichloroethene	9.09	130	60151	22.174	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51204	22.636	ug/l	95
46) Dibromomethane	9.46	93	26605	24.233	ug/l	97
47) Bromodichloromethane	9.64	83	66679	23.473	ug/l	93
48) Methyl methacrylate	9.43	41	28887	23.757	ug/l	93
49) 1,4-Dioxane	9.45	88	9602	591.860	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	156976	128.835	ug/l	99
52) Toluene	10.38	92	138605	22.690	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	65976	22.942	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	80057	22.564	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38831	23.732	ug/l	98
56) Ethyl methacrylate	10.65	69	50015	24.432	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66542	23.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	101997	108.259	ug/l	99
59) 2-Hexanone	10.96	43	106706	127.035	ug/l	98
60) Dibromochloromethane	11.13	129	45119	23.225	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37655	24.325	ug/l	98
64) Tetrachloroethene	10.86	164	52792	22.040	ug/l	97
65) Chlorobenzene	11.66	112	145000	22.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	51132	22.743	ug/l	98
67) Ethyl Benzene	11.73	91	256895	22.115	ug/l	99
68) m/p-Xylenes	11.83	106	198328	44.191	ug/l	99
69) o-Xylene	12.16	106	92750	22.484	ug/l	100
70) Styrene	12.18	104	161156	22.737	ug/l	99
71) Bromoform	12.35	173	27506	23.313	ug/l #	97
73) Isopropylbenzene	12.46	105	254044	21.926	ug/l	100
74) N-amyl acetate	12.27	43	54995	24.537	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44114	24.127	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	27705m	23.911	ug/l	
77) Bromobenzene	12.74	156	63553	22.961	ug/l	100
78) n-propylbenzene	12.80	91	299195	22.310	ug/l	99
79) 2-Chlorotoluene	12.89	91	169441	22.483	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	219974	22.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14544	23.722	ug/l	97
82) 4-Chlorotoluene	12.99	91	176479	22.305	ug/l	99
83) tert-Butylbenzene	13.21	119	194738	22.430	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	218095	22.604	ug/l	98
85) sec-Butylbenzene	13.38	105	260717	21.960	ug/l	100
86) p-Isopropyltoluene	13.50	119	244074	22.070	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121573	22.670	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	121283	22.764	ug/l	99
89) n-Butylbenzene	13.82	91	215074	21.545	ug/l	99
90) Hexachloroethane	14.09	117	39764	20.686	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	106010	22.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7217	26.103	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72929	21.551	ug/l	99
94) Hexachlorobutadiene	15.24	225	50295	22.016	ug/l	97
95) Naphthalene	15.36	128	118643	22.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62598	21.467	ug/l	97

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

