

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012611.D
 Acq On : 05 Sep 2019 01:49
 Operator : SY/VA
 Sample : VW0904SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/7/2019 12:46:15 AM

Quant Time: Sep 05 07:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148734	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141629	59.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.50%	
35) Dibromofluoromethane	7.88	113	106088	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.32	98	402022	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	150391	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21829	17.779	ug/l	93
3) Chloromethane	2.21	50	33615	17.671	ug/l	100
4) Vinyl Chloride	2.35	62	36242	15.566	ug/l	98
5) Bromomethane	2.76	94	21771	18.463	ug/l	99
6) Chloroethane	2.91	64	23477	17.875	ug/l	95
7) Trichlorofluoromethane	3.25	101	20680	17.689	ug/l	100
8) Diethyl Ether	3.67	74	24425	22.011	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40743	20.502	ug/l	98
10) Methyl Iodide	4.26	142	58272	21.672	ug/l	95
11) Tert butyl alcohol	5.18	59	21221	148.759	ug/l	100
12) 1,1-Dichloroethene	4.04	96	39504	19.751	ug/l	99
13) Acrolein	3.89	56	8920	66.427	ug/l	95
14) Allyl chloride	4.67	41	89758	20.991	ug/l	97
15) Acrylonitrile	5.37	53	74195	134.892	ug/l	99
16) Acetone	4.12	43	65514	108.120	ug/l	95
17) Carbon Disulfide	4.38	76	92491	15.301	ug/l	99
18) Methyl Acetate	4.67	43	51259	34.154	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	91285	28.222	ug/l	98
20) Methylene Chloride	4.92	84	56640	24.726	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	46812	21.825	ug/l	94
22) Diisopropyl ether	6.31	45	200086	25.244	ug/l	98
23) Vinyl Acetate	6.25	43	590840	121.129	ug/l	100
24) 1,1-Dichloroethane	6.21	63	102560	23.765	ug/l	98
25) 2-Butanone	7.17	43	105125	127.671	ug/l	100
26) 2,2-Dichloropropane	7.16	77	53190	21.775	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	55259	24.114	ug/l	100
28) Bromochloromethane	7.51	49	45716	24.305	ug/l	96
29) Tetrahydrofuran	7.53	42	67882	137.411	ug/l	99
30) Chloroform	7.67	83	101458	25.697	ug/l	98
31) Cyclohexane	7.95	56	75550	17.695	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	76692	24.554	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69663	20.293	ug/l	99
37) Ethyl Acetate	7.25	43	47781	25.400	ug/l	97
38) Carbon Tetrachloride	8.06	117	66088	22.243	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68171	17.677	ug/l	95
40) Benzene	8.32	78	207940	22.184	ug/l	99
41) Methacrylonitrile	7.48	41	32945	29.798	ug/l	91
42) 1,2-Dichloroethane	8.40	62	78356	26.672	ug/l	100
43) Isopropyl Acetate	8.42	43	91514	26.264	ug/l	99
44) Trichloroethene	9.09	130	51177	22.459	ug/l	98
45) 1,2-Dichloropropane	9.37	63	59478	23.577	ug/l	97
46) Dibromomethane	9.46	93	28651	25.526	ug/l	98
47) Bromodichloromethane	9.64	83	75365	25.229	ug/l	97
48) Methyl methacrylate	9.43	41	43575	26.275	ug/l	96
49) 1,4-Dioxane	9.46	88	9403	547.228	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	239587	135.185	ug/l	99
52) Toluene	10.38	92	128226	22.771	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74623	24.524	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86283	23.484	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	42205	26.576	ug/l	98
56) Ethyl methacrylate	10.65	69	59695	25.827	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78575	26.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	142523	120.150	ug/l	100
59) 2-Hexanone	10.97	43	159383	127.099	ug/l	100
60) Dibromochloromethane	11.13	129	47209	26.689	ug/l	99
61) 1,2-Dibromoethane	11.23	107	38063	25.727	ug/l	98
64) Tetrachloroethene	10.86	164	45236	23.303	ug/l	95
65) Chlorobenzene	11.66	112	135918	23.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50407	24.508	ug/l	99
67) Ethyl Benzene	11.73	91	247100	21.757	ug/l	97
68) m/p-Xylenes	11.84	106	182970	44.725	ug/l	99
69) o-Xylene	12.16	106	87364	23.073	ug/l	99
70) Styrene	12.18	104	154840	23.626	ug/l	98
71) Bromoform	12.35	173	27457	26.794	ug/l	96
73) Isopropylbenzene	12.46	105	241357	21.656	ug/l	100
74) N-amyl acetate	12.27	43	79865	23.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49726	24.338	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	35155m	24.269	ug/l	
77) Bromobenzene	12.74	156	58206	24.141	ug/l	95
78) n-propylbenzene	12.80	91	286890	21.086	ug/l	100
79) 2-Chlorotoluene	12.89	91	171108	22.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207682	22.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14650	22.174	ug/l	91
82) 4-Chlorotoluene	12.99	91	180398	22.304	ug/l	100
83) tert-Butylbenzene	13.21	119	176434	22.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	210229	22.473	ug/l	100
85) sec-Butylbenzene	13.38	105	236888	20.960	ug/l	100
86) p-Isopropyltoluene	13.50	119	219028	21.701	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	108199	22.943	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	108655	23.204	ug/l	99
89) n-Butylbenzene	13.82	91	201257	20.051	ug/l	100
90) Hexachloroethane	14.09	117	39257	22.169	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	100206	24.221	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9027	26.207	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	65602	22.946	ug/l	99
94) Hexachlorobutadiene	15.24	225	42379	22.449	ug/l	98
95) Naphthalene	15.36	128	122166	24.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	60531	24.267	ug/l	97

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

