

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011077.D
 Acq On : 01 Jul 2019 11:47
 Operator : SY/VA
 Sample : VW0701SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0701SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 3:52:40 PM

Quant Time: Jul 02 08:47:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144120	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.88	113	111418	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.32	98	463100	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	168189	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	40396	25.063	ug/l	97
3) Chloromethane	2.21	50	48565	22.477	ug/l	98
4) Vinyl Chloride	2.35	62	64485	22.921	ug/l	99
5) Bromomethane	2.77	94	29965	21.398	ug/l	100
6) Chloroethane	2.92	64	32484	21.901	ug/l	97
7) Trichlorofluoromethane	3.24	101	20415	24.694	ug/l	95
8) Diethyl Ether	3.68	74	27875	21.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52283	22.486	ug/l	99
10) Methyl Iodide	4.28	142	70745	21.747	ug/l	99
11) Tert butyl alcohol	5.17	59	20313	100.065	ug/l	100
12) 1,1-Dichloroethene	4.04	96	52531	21.705	ug/l	94
13) Acrolein	3.89	56	18139	114.587	ug/l	99
14) Allyl chloride	4.66	41	90624	23.265	ug/l	99
15) Acrylonitrile	5.36	53	71934	111.567	ug/l	99
16) Acetone	4.12	43	69526	101.907	ug/l	99
17) Carbon Disulfide	4.38	76	155065	22.584	ug/l	99
18) Methyl Acetate	4.66	43	41523	23.495	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	77027	22.486	ug/l	98
20) Methylene Chloride	4.92	84	59208	21.359	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54099	21.692	ug/l	95
22) Diisopropyl ether	6.31	45	206498	22.029	ug/l	98
23) Vinyl Acetate	6.25	43	630487	109.161	ug/l	99
24) 1,1-Dichloroethane	6.21	63	108142	21.856	ug/l	99
25) 2-Butanone	7.17	43	109059	105.163	ug/l	98
26) 2,2-Dichloropropane	7.16	77	54894	21.368	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57472	21.403	ug/l	100
28) Bromochloromethane	7.51	49	46364	20.128	ug/l	99
29) Tetrahydrofuran	7.52	42	72132	111.734	ug/l	99
30) Chloroform	7.67	83	98038	21.810	ug/l	99
31) Cyclohexane	7.95	56	115922	21.682	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	76395	22.743	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83461	22.438	ug/l	99
37) Ethyl Acetate	7.26	43	49358	22.810	ug/l	98
38) Carbon Tetrachloride	8.06	117	69367	22.645	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103179	22.540	ug/l	98
40) Benzene	8.32	78	226357	22.125	ug/l	98
41) Methacrylonitrile	7.48	41	25723	19.539	ug/l	90
42) 1,2-Dichloroethane	8.40	62	73873	22.022	ug/l	99
43) Isopropyl Acetate	8.42	43	92871	22.687	ug/l	99
44) Trichloroethene	9.09	130	54247	21.940	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61329	22.075	ug/l	98
46) Dibromomethane	9.46	93	28212	21.713	ug/l	99
47) Bromodichloromethane	9.64	83	71799	22.319	ug/l	97
48) Methyl methacrylate	9.43	41	43915	22.125	ug/l	99
49) 1,4-Dioxane	9.45	88	9391	429.860	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	241683	112.161	ug/l	100
52) Toluene	10.38	92	139724	22.308	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75490	22.529	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	89406	22.368	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39726	21.641	ug/l	99
56) Ethyl methacrylate	10.65	69	60171	21.889	ug/l	99
57) 1,3-Dichloropropane	10.93	76	76617	21.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	134908	96.997	ug/l	99
59) 2-Hexanone	10.97	43	168936	112.423	ug/l	100
60) Dibromochloromethane	11.13	129	42431	22.042	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37972	22.096	ug/l	100
64) Tetrachloroethene	10.86	164	45776	21.671	ug/l	97
65) Chlorobenzene	11.66	112	138719	22.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47238	22.143	ug/l	100
67) Ethyl Benzene	11.73	91	267673	22.242	ug/l	99
68) m/p-Xylenes	11.84	106	195375	44.741	ug/l	100
69) o-Xylene	12.16	106	89716	22.057	ug/l	99
70) Styrene	12.18	104	158311	22.399	ug/l	100
71) Bromoform	12.35	173	23504	22.600	ug/l #	99
73) Isopropylbenzene	12.46	105	254309	22.423	ug/l	100
74) N-amyl acetate	12.27	43	87720	23.030	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	50066	22.480	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	42719m	26.727	ug/l	
77) Bromobenzene	12.75	156	55058	22.086	ug/l	100
78) n-propylbenzene	12.80	91	312600	22.257	ug/l	99
79) 2-Chlorotoluene	12.89	91	179720	22.398	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	216130	22.484	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15365	22.879	ug/l	99
82) 4-Chlorotoluene	12.99	91	187149	22.382	ug/l	100
83) tert-Butylbenzene	13.21	119	182464	22.762	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	216997	22.333	ug/l	100
85) sec-Butylbenzene	13.38	105	264296	22.696	ug/l	100
86) p-Isopropyltoluene	13.50	119	236459	22.565	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109503	22.206	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110463	22.440	ug/l	99
89) n-Butylbenzene	13.82	91	241410	22.665	ug/l	100
90) Hexachloroethane	14.10	117	40522	22.600	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	98953	22.343	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9129	24.119	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	72353	23.219	ug/l	100
94) Hexachlorobutadiene	15.24	225	43958	23.258	ug/l	99
95) Naphthalene	15.37	128	134761	23.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	62604	22.500	ug/l	100

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

