

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011998.D
 Acq On : 19 Aug 2019 19:10
 Operator : SY/VA
 Sample : VW0819SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 9:55:42 AM

Quant Time: Aug 19 19:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	167850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152716	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	127434	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
50) Toluene-d8	10.32	98	510557	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
62) 4-Bromofluorobenzene	12.62	95	182406	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34002	25.149	ug/l	97
3) Chloromethane	2.21	50	55652	23.738	ug/l	97
4) Vinyl Chloride	2.36	62	67052	23.756	ug/l	97
5) Bromomethane	2.75	94	33415	21.388	ug/l	96
6) Chloroethane	2.91	64	37877	23.493	ug/l	99
7) Trichlorofluoromethane	3.25	101	30619	24.274	ug/l	99
8) Diethyl Ether	3.68	74	32336	22.609	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57805	24.157	ug/l	99
10) Methyl Iodide	4.27	142	79691	23.566	ug/l	99
11) Tert butyl alcohol	5.17	59	20969	90.632	ug/l	98
12) 1,1-Dichloroethene	4.04	96	58208	23.039	ug/l	93
13) Acrolein	3.89	56	12558	62.828	ug/l	95
14) Allyl chloride	4.66	41	123063	22.901	ug/l	98
15) Acrylonitrile	5.36	53	82329	115.316	ug/l	98
16) Acetone	4.12	43	71416	80.595	ug/l	96
17) Carbon Disulfide	4.38	76	171018	21.627	ug/l	98
18) Methyl Acetate	4.67	43	45958	23.087	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	96809	24.146	ug/l	96
20) Methylene Chloride	4.91	84	68873	22.537	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	64021	23.504	ug/l	100
22) Diisopropyl ether	6.31	45	240101	23.699	ug/l	100
23) Vinyl Acetate	6.25	43	715092	112.329	ug/l	99
24) 1,1-Dichloroethane	6.22	63	127554	23.508	ug/l	98
25) 2-Butanone	7.17	43	115222	99.372	ug/l	99
26) 2,2-Dichloropropane	7.16	77	68375	20.490	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	69949	23.333	ug/l	98
28) Bromochloromethane	7.51	49	54685	22.706	ug/l	99
29) Tetrahydrofuran	7.53	42	76090	114.805	ug/l	99
30) Chloroform	7.68	83	117246	23.422	ug/l	98
31) Cyclohexane	7.95	56	120074	23.054	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	92127	24.166	ug/l	99
36) 1,1-Dichloropropene	8.08	75	96029	23.166	ug/l	99
37) Ethyl Acetate	7.25	43	52366	21.957	ug/l	98
38) Carbon Tetrachloride	8.07	117	82597	23.276	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107847	23.628	ug/l	97
40) Benzene	8.32	78	269292	23.193	ug/l	99
41) Methacrylonitrile	7.48	41	34357	24.100	ug/l	95
42) 1,2-Dichloroethane	8.40	62	83298	22.914	ug/l	99
43) Isopropyl Acetate	8.42	43	98224	22.395	ug/l	100
44) Trichloroethene	9.09	130	65766	23.566	ug/l	99
45) 1,2-Dichloropropane	9.37	63	71738	23.091	ug/l	98
46) Dibromomethane	9.46	93	32738	23.088	ug/l	99
47) Bromodichloromethane	9.64	83	84943	22.837	ug/l	98
48) Methyl methacrylate	9.44	41	46699	22.165	ug/l	100
49) 1,4-Dioxane	9.45	88	9828	478.680	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	251415	110.204	ug/l	100
52) Toluene	10.39	92	164363	23.440	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	86320	22.216	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	106225	22.993	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46243	22.985	ug/l	97
56) Ethyl methacrylate	10.65	69	67266	22.848	ug/l	99
57) 1,3-Dichloropropane	10.93	76	86622	22.757	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	166021	124.200	ug/l	99
59) 2-Hexanone	10.97	43	169566	105.269	ug/l	98
60) Dibromochloromethane	11.13	129	50019	22.397	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43811	23.011	ug/l	100
64) Tetrachloroethene	10.86	164	53817	23.935	ug/l	96
65) Chlorobenzene	11.66	112	164085	23.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	57461	23.761	ug/l	100
67) Ethyl Benzene	11.73	91	316159	23.910	ug/l	100
68) m/p-Xylenes	11.84	106	229405	47.706	ug/l	99
69) o-Xylene	12.16	106	107133	23.975	ug/l	99
70) Styrene	12.18	104	185032	23.949	ug/l	99
71) Bromoform	12.35	173	28622	23.213	ug/l #	100
73) Isopropylbenzene	12.46	105	300395	23.989	ug/l	99
74) N-amyl acetate	12.27	43	90132	22.991	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	55027	23.362	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	37345m	21.027	ug/l	
77) Bromobenzene	12.75	156	65451	23.648	ug/l	98
78) n-propylbenzene	12.80	91	364769	23.936	ug/l	100
79) 2-Chlorotoluene	12.89	91	209469	23.859	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	250583	23.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16465	21.366	ug/l	94
82) 4-Chlorotoluene	12.99	91	219283	23.806	ug/l	99
83) tert-Butylbenzene	13.21	119	214280	24.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	253884	24.011	ug/l	99
85) sec-Butylbenzene	13.38	105	306074	24.438	ug/l	100
86) p-Isopropyltoluene	13.50	119	275676	24.259	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	126743	23.354	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	126197	23.376	ug/l	99
89) n-Butylbenzene	13.82	91	266988	23.543	ug/l	99
90) Hexachloroethane	14.09	117	47600	23.688	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	113240	23.592	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9326	23.219	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	78963	23.342	ug/l	98
94) Hexachlorobutadiene	15.24	225	51491	24.408	ug/l	99
95) Naphthalene	15.36	128	140497	22.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	67788	22.861	ug/l	99

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

