

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050693.D
 Acq On : 16 Aug 2018 11:05
 Operator : MD\SY
 Sample : VN0816WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 3:55:34 PM

Quant Time: Aug 17 03:50:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	944303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	840582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	404040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	412879	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.59	113	383377	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.09	98	1427504	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	444692	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	130788	17.82	ug/l	98
3) Chloromethane	2.06	50	172993	19.03	ug/l	98
4) Vinyl Chloride	2.18	62	180738	18.53	ug/l	100
5) Bromomethane	2.56	94	104438	18.62	ug/l	99
6) Chloroethane	2.70	64	109285	19.19	ug/l	98
7) Trichlorofluoromethane	3.01	101	239049	18.68	ug/l	99
8) Diethyl Ether	3.41	74	83140	19.53	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	148123	19.14	ug/l	98
10) Methyl Iodide	3.95	142	96097	21.99	ug/l	100
11) Tert butyl alcohol	4.79	59	48605	108.46	ug/l #	89
12) 1,1-Dichloroethene	3.73	96	131471	18.61	ug/l	100
13) Acrolein	3.61	56	12899	68.25	ug/l	98
14) Allyl chloride	4.32	41	210475	19.15	ug/l	99
15) Acrylonitrile	4.99	53	244888	99.49	ug/l	99
16) Acetone	3.82	43	219697	106.37	ug/l	98
17) Carbon Disulfide	4.05	76	401631	18.06	ug/l	99
18) Methyl Acetate	4.33	43	126344	21.35	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	358899	19.96	ug/l	100
20) Methylene Chloride	4.55	84	156292	19.25	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	145682	19.02	ug/l	100
22) Diisopropyl ether	5.96	45	454784	20.18	ug/l	96
23) Vinyl Acetate	5.90	43	1484167	100.69	ug/l	100
24) 1,1-Dichloroethane	5.85	63	275240	18.88	ug/l	99
25) 2-Butanone	6.84	43	350058	104.02	ug/l	100
26) 1,2-Dichloropropane	6.82	77	217421	22.28	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	164290	19.26	ug/l	99
28) Bromochloromethane	7.20	49	131103	19.76	ug/l	97
29) Tetrahydrofuran	7.22	42	182466	103.85	ug/l	99
30) Chloroform	7.37	83	277137	18.76	ug/l	99
31) Cyclohexane	7.66	56	242295	19.26	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	236595	19.02	ug/l	99
36) 1,1-Dichloropropene	7.79	75	210377	20.01	ug/l	99
37) Ethyl Acetate	6.93	43	125487	21.12	ug/l #	92
38) Carbon Tetrachloride	7.78	117	211984	19.44	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	213905	19.65	ug/l	96
40) Benzene	8.04	78	639070	19.98	ug/l	99
41) Methacrylonitrile	7.18	41	65346	20.34	ug/l	95
42) 1,2-Dichloroethane	8.13	62	195480	19.94	ug/l	100
43) Isopropyl Acetate	8.17	43	225155	20.79	ug/l	100
44) Trichloroethene	8.84	130	163742	19.12	ug/l	98
45) 1,2-Dichloropropane	9.12	63	166492	19.56	ug/l	100
46) Dibromomethane	9.21	93	97779	19.45	ug/l	97
47) Bromodichloromethane	9.40	83	207029	19.27	ug/l	99
48) Methyl methacrylate	9.20	41	105572	19.38	ug/l	98
49) 1,4-Dioxane	9.20	88	29638	412.90	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	786663	107.42	ug/l	99
52) Toluene	10.16	92	386512	20.24	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	199010	19.88	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	239067	20.82	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	142680	20.00	ug/l	99
56) Ethyl methacrylate	10.43	69	164502	19.29	ug/l	99
57) 1,3-Dichloropropane	10.71	76	235133	20.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	385998	95.29	ug/l	100
59) 2-Hexanone	10.75	43	503758	106.58	ug/l	99
60) Dibromochloromethane	10.90	129	155103	19.70	ug/l	100
61) 1,2-Dibromoethane	11.01	107	135239	19.91	ug/l	100
64) Tetrachloroethene	10.63	164	150836	19.32	ug/l	99
65) Chlorobenzene	11.44	112	414761	19.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157375	20.07	ug/l	99
67) Ethyl Benzene	11.51	91	676330	20.02	ug/l	100
68) m/p-Xylenes	11.62	106	528592	40.91	ug/l	99
69) o-Xylene	11.95	106	249190	20.23	ug/l	99
70) Styrene	11.96	104	399011	18.81	ug/l	100
71) Bromoform	12.13	173	104995	20.19	ug/l #	99
73) Isopropylbenzene	12.25	105	664733	21.06	ug/l	100
74) N-amyl acetate	12.07	43	171791	20.92	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	173562	22.40	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	139743m	20.81	ug/l	
77) Bromobenzene	12.53	156	171769	20.04	ug/l	99
78) n-propylbenzene	12.59	91	732088	20.80	ug/l	100
79) 2-Chlorotoluene	12.68	91	455519	20.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	537015	21.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	39908	21.96	ug/l	98
82) 4-Chlorotoluene	12.77	91	449049	20.71	ug/l	99
83) tert-Butylbenzene	12.99	119	450582	20.54	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	546208	21.53	ug/l	100
85) sec-Butylbenzene	13.17	105	602099	21.00	ug/l	99
86) p-Isopropyltoluene	13.29	119	511625	21.06	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	290968	19.94	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	279841	19.32	ug/l	99
89) n-Butylbenzene	13.62	91	385999	19.68	ug/l	99
90) Hexachloroethane	13.88	117	97652	19.99	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	285284	20.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23741	21.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	121402	18.40	ug/l	98
94) Hexachlorobutadiene	15.01	225	87964	20.16	ug/l	98
95) Naphthalene	15.13	128	237688	17.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	122991	19.26	ug/l	99

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

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