

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050437.D
 Acq On : 7 Aug 2018 17:30
 Operator : MD\SY
 Sample : VN0807WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 10:47:58 AM

Quant Time: Aug 08 07:03:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	755935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1038978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	519718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	490374	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	7.59	113	443088	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.09	98	1660002	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.40	95	562660	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146543	17.46	ug/l	99
3) Chloromethane	2.06	50	194367	18.69	ug/l	100
4) Vinyl Chloride	2.18	62	208412	19.19	ug/l	98
5) Bromomethane	2.56	94	124819	23.79	ug/l	99
6) Chloroethane	2.70	64	127972	19.12	ug/l	100
7) Trichlorofluoromethane	3.01	101	267802	19.09	ug/l	98
8) Diethyl Ether	3.41	74	105953	20.60	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	160343	18.50	ug/l	98
10) Methyl Iodide	3.95	142	84733	22.18	ug/l	96
11) Tert butyl alcohol	4.80	59	72789	89.71	ug/l	98
12) 1,1-Dichloroethene	3.73	96	163623	20.02	ug/l	96
13) Acrolein	3.61	56	84692	90.43	ug/l	97
14) Allyl chloride	4.32	41	253099	19.28	ug/l	96
15) Acrylonitrile	5.00	53	312185	91.86	ug/l	99
16) Acetone	3.82	43	280202	92.80	ug/l	100
17) Carbon Disulfide	4.05	76	466567	17.56	ug/l	100
18) Methyl Acetate	4.33	43	155404	19.74	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	486898	20.99	ug/l	99
20) Methylene Chloride	4.55	84	184472	19.07	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	173836	19.66	ug/l	98
22) Diisopropyl ether	5.96	45	551919	20.59	ug/l	99
23) Vinyl Acetate	5.90	43	1895823	99.11	ug/l	99
24) 1,1-Dichloroethane	5.85	63	326822	19.87	ug/l	99
25) 2-Butanone	6.84	43	459811	91.87	ug/l	99
26) 2,2-Dichloropropane	6.83	77	222746	16.42	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	199908	20.39	ug/l	96
28) Bromochloromethane	7.20	49	132539	17.50	ug/l	98
29) Tetrahydrofuran	7.22	42	247647	92.44	ug/l	98
30) Chloroform	7.37	83	326358	19.84	ug/l	98
31) Cyclohexane	7.65	56	277965	18.81	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	279107	19.76	ug/l	99
36) 1,1-Dichloropropene	7.80	75	249956	19.76	ug/l	98
37) Ethyl Acetate	6.94	43	167912	18.44	ug/l	99
38) Carbon Tetrachloride	7.78	117	241759	18.32	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	238334	17.26	ug/l	99
40) Benzene	8.04	78	747536	19.22	ug/l	99
41) Methacrylonitrile	7.19	41	91873m	18.97	ug/l	
42) 1,2-Dichloroethane	8.13	62	235230	19.06	ug/l	99
43) Isopropyl Acetate	8.17	43	304944	19.39	ug/l	96
44) Trichloroethene	8.84	130	201037	19.24	ug/l	100
45) 1,2-Dichloropropane	9.12	63	195484	19.12	ug/l	99
46) Dibromomethane	9.21	93	117413	18.60	ug/l	98
47) Bromodichloromethane	9.40	83	242106	18.52	ug/l	99
48) Methyl methacrylate	9.20	41	143959	18.27	ug/l	99
49) 1,4-Dioxane	9.20	88	40547	333.79	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1048541	92.60	ug/l	98
52) Toluene	10.16	92	463943	19.86	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	243416	18.54	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	280384	19.14	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	171610	18.82	ug/l	99
56) Ethyl methacrylate	10.43	69	230213	18.94	ug/l	95
57) 1,3-Dichloropropane	10.71	76	286328	19.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	503873	88.69	ug/l	99
59) 2-Hexanone	10.75	43	702493	88.89	ug/l	98
60) Dibromochloromethane	10.90	129	181637	18.08	ug/l	97
61) 1,2-Dibromoethane	11.01	107	170196	18.94	ug/l	98
64) Tetrachloroethene	10.63	164	192652	19.84	ug/l	100
65) Chlorobenzene	11.44	112	502443	19.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	182696	19.27	ug/l	99
67) Ethyl Benzene	11.51	91	860559	20.44	ug/l	100
68) m/p-Xylenes	11.62	106	657374	41.01	ug/l	99
69) o-Xylene	11.95	106	323523	20.95	ug/l	99
70) Styrene	11.97	104	517939	20.63	ug/l	99
71) Bromoform	12.13	173	130048	18.77	ug/l #	100
73) Isopropylbenzene	12.25	105	845294	21.67	ug/l	100
74) N-amyl acetate	12.07	43	263913	20.87	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	211694	18.81	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	183382m	19.49	ug/l	
77) Bromobenzene	12.53	156	389551	37.27	ug/l	48
78) n-propylbenzene	12.59	91	923588	20.91	ug/l	99
79) 2-Chlorotoluene	12.68	91	567513	20.81	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	700211	22.11	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	53226	19.88	ug/l	98
82) 4-Chlorotoluene	12.77	91	572515	21.05	ug/l	99
83) tert-Butylbenzene	12.99	119	575563	20.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	684511	21.34	ug/l	100
85) sec-Butylbenzene	13.17	105	739345	20.08	ug/l	100
86) p-Isopropyltoluene	13.29	119	647349	20.51	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	370187	19.89	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	359474	19.34	ug/l	98
89) n-Butylbenzene	13.62	91	533281	19.85	ug/l	99
90) Hexachloroethane	13.88	117	102193	18.21	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	364842	19.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35059	18.34	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	211114	22.21	ug/l	99
94) Hexachlorobutadiene	15.01	225	110514	20.31	ug/l	98
95) Naphthalene	15.14	128	589756	25.36	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	209581	21.81	ug/l	98

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

