

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050842.D
 Acq On : 23 Aug 2018 10:40
 Operator : MD\SY
 Sample : VN0823WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 10:40:48 AM

Quant Time: Aug 24 01:56:02 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	636372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	911468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	395881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	381421	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.59	113	363520	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.09	98	1373699	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	432041	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	181107	21.27	ug/l	99
3) Chloromethane	2.06	50	200309	19.07	ug/l	100
4) Vinyl Chloride	2.18	62	195786	19.68	ug/l	98
5) Bromomethane	2.57	94	114793	19.65	ug/l	97
6) Chloroethane	2.70	64	112698	19.60	ug/l	99
7) Trichlorofluoromethane	3.01	101	251182	19.71	ug/l	99
8) Diethyl Ether	3.41	74	84707	19.55	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	157134	19.74	ug/l	99
10) Methyl Iodide	3.95	142	107758	19.81	ug/l	99
11) Tert butyl alcohol	4.79	59	47338	97.04	ug/l	100
12) 1,1-Dichloroethene	3.74	96	140857	19.71	ug/l	96
13) Acrolein	3.61	56	22087	89.89	ug/l	97
14) Allyl chloride	4.33	41	214591	19.27	ug/l	100
15) Acrylonitrile	4.99	53	241837	97.54	ug/l	99
16) Acetone	3.82	43	172139	90.38	ug/l	97
17) Carbon Disulfide	4.05	76	428958	17.90	ug/l	99
18) Methyl Acetate	4.33	43	137309	18.98	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	362878	20.18	ug/l	97
20) Methylene Chloride	4.55	84	163719	18.96	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	149328	19.32	ug/l	98
22) Diisopropyl ether	5.95	45	458690	20.67	ug/l	96
23) Vinyl Acetate	5.90	43	1414620	98.97	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279170	19.59	ug/l	100
25) 2-Butanone	6.84	43	265098	85.87	ug/l	99
26) 2,2-Dichloropropane	6.83	77	217114	18.96	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	168562	20.23	ug/l	98
28) Bromochloromethane	7.20	49	118628	19.59	ug/l	99
29) Tetrahydrofuran	7.22	42	175542	99.17	ug/l	98
30) Chloroform	7.37	83	279909	19.84	ug/l	99
31) Cyclohexane	7.66	56	245939	19.28	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	237790	19.62	ug/l	100
36) 1,1-Dichloropropene	7.79	75	209054	19.44	ug/l	99
37) Ethyl Acetate	6.93	43	119473	19.34	ug/l	99
38) Carbon Tetrachloride	7.78	117	211974	19.50	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	221321	19.02	ug/l	100
40) Benzene	8.04	78	648380	19.99	ug/l	99
41) Methacrylonitrile	7.19	41	68185m	20.39	ug/l	
42) 1,2-Dichloroethane	8.13	62	192055	19.81	ug/l	100
43) Isopropyl Acetate	8.17	43	212016	19.96	ug/l	99
44) Trichloroethene	8.84	130	168479	19.70	ug/l	98
45) 1,2-Dichloropropane	9.12	63	165395	19.40	ug/l	99
46) Dibromomethane	9.21	93	98667	19.70	ug/l	98
47) Bromodichloromethane	9.40	83	207482	19.78	ug/l	99
48) Methyl methacrylate	9.20	41	103859	19.18	ug/l	97
49) 1,4-Dioxane	9.20	88	29406	398.43	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	601443	94.87	ug/l	100
52) Toluene	10.16	92	393396	20.48	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	200339	19.19	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	239195	20.00	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	142908	20.04	ug/l	99
56) Ethyl methacrylate	10.43	69	157987	18.58	ug/l	98
57) 1,3-Dichloropropane	10.71	76	237109	20.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	353739	95.34	ug/l	100
59) 2-Hexanone	10.75	43	378366	89.66	ug/l	100
60) Dibromochloromethane	10.90	129	155570	19.48	ug/l	99
61) 1,2-Dibromoethane	11.00	107	135589	19.66	ug/l	100
64) Tetrachloroethene	10.63	164	151650	19.36	ug/l	99
65) Chlorobenzene	11.43	112	421418	19.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156250	19.81	ug/l	99
67) Ethyl Benzene	11.51	91	692014	19.74	ug/l	100
68) m/p-Xylenes	11.62	106	546545	41.08	ug/l	100
69) o-Xylene	11.95	106	260185	20.34	ug/l	99
70) Styrene	11.96	104	404431	18.76	ug/l	100
71) Bromoform	12.13	173	106509	19.63	ug/l #	97
73) Isopropylbenzene	12.25	105	681467	20.79	ug/l	100
74) N-amyl acetate	12.07	43	162202	19.69	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	175292	21.50	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	145876m	21.04	ug/l	
77) Bromobenzene	12.53	156	174881	19.63	ug/l	99
78) n-propylbenzene	12.59	91	765645	20.91	ug/l	100
79) 2-Chlorotoluene	12.67	91	473673	20.77	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	561536	21.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39181	19.10	ug/l	97
82) 4-Chlorotoluene	12.77	91	461225	20.48	ug/l	100
83) tert-Butylbenzene	12.99	119	478915	20.91	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	571648	21.49	ug/l	99
85) sec-Butylbenzene	13.17	105	627207	20.90	ug/l	100
86) p-Isopropyltoluene	13.29	119	538302	21.05	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	293446	19.41	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	280845	18.88	ug/l	99
89) n-Butylbenzene	13.62	91	387100	18.92	ug/l	100
90) Hexachloroethane	13.88	117	99489	20.52	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	285277	19.56	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22339	18.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108895	17.26	ug/l	99
94) Hexachlorobutadiene	15.01	225	89105	19.94	ug/l	99
95) Naphthalene	15.13	128	200563	16.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	110590	17.82	ug/l	100

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

