

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050315.D
 Acq On : 3 Aug 2018 16:12
 Operator : MD\SY
 Sample : VN0803WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 11:38:32 AM

Quant Time: Aug 03 23:59:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	416856	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.59	113	366008	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.09	98	1280090	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	434038	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154106	19.42	ug/l	99
3) Chloromethane	2.06	50	152409	17.67	ug/l	99
4) Vinyl Chloride	2.18	62	164263	18.09	ug/l	97
5) Bromomethane	2.56	94	73497	13.85	ug/l	97
6) Chloroethane	2.70	64	100089	18.35	ug/l	96
7) Trichlorofluoromethane	3.01	101	227652	19.35	ug/l	99
8) Diethyl Ether	3.41	74	88508	22.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	141613	20.02	ug/l	99
10) Methyl Iodide	3.95	142	72326	7.96	ug/l	98
11) Tert butyl alcohol	4.80	59	81844	144.38	ug/l	100
12) 1,1-Dichloroethene	3.73	96	123874	19.46	ug/l	97
13) Acrolein	3.61	56	81244	178.38	ug/l	94
14) Allyl chloride	4.32	41	208184	21.10	ug/l	97
15) Acrylonitrile	4.99	53	311083	125.78	ug/l	99
16) Acetone	3.82	43	272078	148.16	ug/l	99
17) Carbon Disulfide	4.05	76	324649	16.65	ug/l	99
18) Methyl Acetate	4.33	43	249424	34.84	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	410124	24.18	ug/l	99
20) Methylene Chloride	4.55	84	155537	22.07	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	133670	19.82	ug/l	99
22) Diisopropyl ether	5.96	45	470746	24.06	ug/l	96
23) Vinyl Acetate	5.90	43	1582277	114.43	ug/l	99
24) 1,1-Dichloroethane	5.85	63	270478	21.14	ug/l	99
25) 2-Butanone	6.84	43	383148	130.38	ug/l	99
26) 2,2-Dichloropropane	6.83	77	204490	21.01	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158202	21.79	ug/l	99
28) Bromochloromethane	7.20	49	127674	21.88	ug/l	100
29) Tetrahydrofuran	7.22	42	249494	131.39	ug/l	99
30) Chloroform	7.37	83	280279	21.47	ug/l	97
31) Cyclohexane	7.65	56	204297	19.21	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	232785	20.84	ug/l	100
36) 1,1-Dichloropropene	7.80	75	184786	19.25	ug/l	100
37) Ethyl Acetate	6.93	43	158780	23.72	ug/l	99
38) Carbon Tetrachloride	7.78	117	192694	18.92	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	177369	17.96	ug/l	99
40) Benzene	8.04	78	603982	20.68	ug/l	98
41) Methacrylonitrile	7.18	41	77518	23.76	ug/l	91
42) 1,2-Dichloroethane	8.13	62	208706	21.42	ug/l	98
43) Isopropyl Acetate	8.17	43	393710	30.78	ug/l #	96
44) Trichloroethene	8.84	130	153840	19.60	ug/l	98
45) 1,2-Dichloropropane	9.12	63	168251	21.75	ug/l	98
46) Dibromomethane	9.21	93	106557	22.18	ug/l	99
47) Bromodichloromethane	9.40	83	217821	21.48	ug/l	100
48) Methyl methacrylate	9.20	41	141030	24.47	ug/l	99
49) 1,4-Dioxane	9.20	88	43388	553.13	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	845511	128.51	ug/l	100
52) Toluene	10.16	92	366037	21.23	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	211876	22.14	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	236653	21.64	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	159118	23.27	ug/l	99
56) Ethyl methacrylate	10.43	69	196022	22.33	ug/l	99
57) 1,3-Dichloropropane	10.71	76	255379	22.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	428603	104.17	ug/l	100
59) 2-Hexanone	10.75	43	577018	122.06	ug/l	100
60) Dibromochloromethane	10.90	129	167974	22.18	ug/l	99
61) 1,2-Dibromoethane	11.01	107	153223	22.58	ug/l	99
64) Tetrachloroethene	10.63	164	151278	20.42	ug/l	98
65) Chlorobenzene	11.44	112	403330	20.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156271	20.90	ug/l	99
67) Ethyl Benzene	11.51	91	645820	20.66	ug/l	100
68) m/p-Xylenes	11.62	106	509022	43.05	ug/l	99
69) o-Xylene	11.95	106	244801	21.72	ug/l	99
70) Styrene	11.97	104	404638	20.73	ug/l	99
71) Bromoform	12.13	173	119439	21.96	ug/l #	100
73) Isopropylbenzene	12.25	105	638195	19.98	ug/l	100
74) N-amyl acetate	12.07	43	232554	23.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	216526	24.47	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	177626m	23.20	ug/l	
77) Bromobenzene	12.53	156	178023	20.10	ug/l	95
78) n-propylbenzene	12.59	91	735738	20.60	ug/l	99
79) 2-Chlorotoluene	12.68	91	455705	20.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	537578	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50529	20.93	ug/l	95
82) 4-Chlorotoluene	12.77	91	474132	21.63	ug/l	100
83) tert-Butylbenzene	12.99	119	462945	21.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	563076	22.23	ug/l	99
85) sec-Butylbenzene	13.17	105	613623	20.94	ug/l	100
86) p-Isopropyltoluene	13.29	119	524737	21.25	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	313657	20.90	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	306732	20.96	ug/l	98
89) n-Butylbenzene	13.62	91	421828	20.78	ug/l	99
90) Hexachloroethane	13.88	117	77579	14.15	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	316744	21.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36447	25.20	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	165735	22.63	ug/l	96
94) Hexachlorobutadiene	15.01	225	91802	19.98	ug/l	100
95) Naphthalene	15.14	128	423328	24.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	172560	23.49	ug/l	97

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

