

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050402.D
 Acq On : 6 Aug 2018 23:44
 Operator : MD\SY
 Sample : VN0806WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:59:11 AM

Quant Time: Aug 07 07:34:50 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	610369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	923889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	423206	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.59	113	377824	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	10.09	98	1402923	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	453681	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	134918	19.91	ug/l	99
3) Chloromethane	2.06	50	170632	20.45	ug/l	98
4) Vinyl Chloride	2.18	62	182682	20.83	ug/l	99
5) Bromomethane	2.56	94	94060	22.22	ug/l	95
6) Chloroethane	2.70	64	110553	20.46	ug/l	100
7) Trichlorofluoromethane	3.01	101	235003	20.75	ug/l	100
8) Diethyl Ether	3.41	74	84130	20.25	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	138673	19.81	ug/l	99
10) Methyl Iodide	3.95	142	73929	23.97	ug/l	100
11) Tert butyl alcohol	4.80	59	66780	101.94	ug/l	99
12) 1,1-Dichloroethene	3.73	96	131061	19.86	ug/l	99
13) Acrolein	3.61	56	80286	103.56	ug/l	96
14) Allyl chloride	4.32	41	199426	18.82	ug/l	99
15) Acrylonitrile	5.00	53	285784	104.14	ug/l	99
16) Acetone	3.82	43	267252	109.69	ug/l	97
17) Carbon Disulfide	4.05	76	399113	18.60	ug/l	100
18) Methyl Acetate	4.33	43	139598	21.98	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	381156	20.35	ug/l	98
20) Methylene Chloride	4.55	84	158576	20.40	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	142787	20.00	ug/l	96
22) Diisopropyl ether	5.96	45	454748	21.01	ug/l	96
23) Vinyl Acetate	5.90	43	1607501	104.08	ug/l	100
24) 1,1-Dichloroethane	5.85	63	274042	20.63	ug/l	98
25) 2-Butanone	6.84	43	421790	104.38	ug/l	100
26) 2,2-Dichloropropane	6.83	77	172519	15.75	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	159919	20.21	ug/l	99
28) Bromochloromethane	7.20	49	123456	20.19	ug/l	100
29) Tetrahydrofuran	7.22	42	220484	101.93	ug/l	99
30) Chloroform	7.37	83	280887	21.15	ug/l	99
31) Cyclohexane	7.66	56	226201	18.96	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	237476	20.82	ug/l	100
36) 1,1-Dichloropropene	7.80	75	202758	19.97	ug/l	99
37) Ethyl Acetate	6.94	43	151848	20.77	ug/l	99
38) Carbon Tetrachloride	7.78	117	205213	19.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	199150	17.97	ug/l	100
40) Benzene	8.04	78	630567	20.20	ug/l	99
41) Methacrylonitrile	7.18	41	73049	18.79	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	201796	20.37	ug/l	99
43) Isopropyl Acetate	8.17	43	273080	21.64	ug/l	98
44) Trichloroethene	8.84	130	163092	19.45	ug/l	99
45) 1,2-Dichloropropane	9.12	63	165829	20.21	ug/l	98
46) Dibromomethane	9.21	93	103839	20.49	ug/l	99
47) Bromodichloromethane	9.41	83	210131	20.02	ug/l	98
48) Methyl methacrylate	9.20	41	124583	19.70	ug/l	99
49) 1,4-Dioxane	9.20	88	38376	393.62	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	952917	104.85	ug/l	100
52) Toluene	10.16	92	389733	20.79	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	197240	18.72	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	230651	19.61	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	150264	20.53	ug/l	98
56) Ethyl methacrylate	10.43	69	185284	18.99	ug/l	98
57) 1,3-Dichloropropane	10.71	76	243260	20.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	439337	95.71	ug/l	100
59) 2-Hexanone	10.76	43	651203	102.67	ug/l	99
60) Dibromochloromethane	10.90	129	164395	20.39	ug/l	100
61) 1,2-Dibromoethane	11.01	107	144895	20.09	ug/l	97
64) Tetrachloroethene	10.63	164	158851	20.31	ug/l	98
65) Chlorobenzene	11.44	112	408551	19.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	156149	20.44	ug/l	99
67) Ethyl Benzene	11.51	91	677832	19.98	ug/l	100
68) m/p-Xylenes	11.62	106	533460	41.31	ug/l	99
69) o-Xylene	11.95	106	246793	19.84	ug/l	99
70) Styrene	11.97	104	410760	20.30	ug/l	100
71) Bromoform	12.13	173	115105	20.62	ug/l #	100
73) Isopropylbenzene	12.25	105	657794	20.18	ug/l	100
74) N-amyl acetate	12.07	43	212291	20.09	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	195609	20.80	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	166014m	21.12	ug/l	
77) Bromobenzene	12.53	156	177835	20.37	ug/l	99
78) n-propylbenzene	12.59	91	756727	20.51	ug/l	99
79) 2-Chlorotoluene	12.68	91	462291	20.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	549687	20.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	45324	20.26	ug/l	98
82) 4-Chlorotoluene	12.78	91	465477	20.48	ug/l	99
83) tert-Butylbenzene	13.00	119	458236	19.85	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	558536	20.84	ug/l	100
85) sec-Butylbenzene	13.17	105	622919	20.25	ug/l	100
86) p-Isopropyltoluene	13.29	119	528889	20.06	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	305257	19.63	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	299224	19.27	ug/l	99
89) n-Butylbenzene	13.62	91	408076	18.18	ug/l	99
90) Hexachloroethane	13.88	117	93257	19.89	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	305267	19.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29767	18.64	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	146469	18.44	ug/l	98
94) Hexachlorobutadiene	15.01	225	88014	19.28	ug/l	99
95) Naphthalene	15.14	128	333589	18.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	146646	18.27	ug/l	100

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

