

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050331.D
 Acq On : 3 Aug 2018 23:41
 Operator : MD\SY
 Sample : VN0803WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBS03

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 11:37:03 AM

Quant Time: Aug 04 01:55:09 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	593891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	897519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	424587	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	7.59	113	372159	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.09	98	1352443	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	451054	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	164144	19.24	ug/l	96
3) Chloromethane	2.06	50	163106	17.58	ug/l	100
4) Vinyl Chloride	2.18	62	181646	18.60	ug/l	97
5) Bromomethane	2.56	94	86784	15.30	ug/l	100
6) Chloroethane	2.70	64	108651	18.52	ug/l	98
7) Trichlorofluoromethane	3.01	101	248561	19.64	ug/l	98
8) Diethyl Ether	3.41	74	89289	21.17	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	152036	19.98	ug/l	99
10) Methyl Iodide	3.95	142	81609	8.36	ug/l	99
11) Tert butyl alcohol	4.80	59	73257	120.16	ug/l	99
12) 1,1-Dichloroethene	3.73	96	135212	19.75	ug/l	98
13) Acrolein	3.61	56	71738	146.45	ug/l	98
14) Allyl chloride	4.32	41	209896	19.78	ug/l	98
15) Acrylonitrile	5.00	53	302508	113.73	ug/l	99
16) Acetone	3.82	43	247657	124.71	ug/l	99
17) Carbon Disulfide	4.05	76	341826	16.30	ug/l	99
18) Methyl Acetate	4.33	43	226080	29.10	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	404266	22.16	ug/l	99
20) Methylene Chloride	4.55	84	162943	21.46	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	142608	19.66	ug/l	99
22) Diisopropyl ether	5.96	45	485189	23.05	ug/l	98
23) Vinyl Acetate	5.90	43	1524222	102.49	ug/l	100
24) 1,1-Dichloroethane	5.85	63	287714	20.91	ug/l	99
25) 2-Butanone	6.84	43	361607	114.41	ug/l	98
26) 2,2-Dichloropropane	6.83	77	175485	16.76	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	165423	21.19	ug/l	99
28) Bromochloromethane	7.20	49	133866	21.33	ug/l	99
29) Tetrahydrofuran	7.22	42	236432	115.77	ug/l	99
30) Chloroform	7.37	83	297919	21.21	ug/l	98
31) Cyclohexane	7.66	56	220561	19.28	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	249234	20.75	ug/l	100
36) 1,1-Dichloropropene	7.79	75	204128	20.19	ug/l	99
37) Ethyl Acetate	6.93	43	153383	21.76	ug/l	99
38) Carbon Tetrachloride	7.78	117	215327	20.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	194371	18.69	ug/l	100
40) Benzene	8.04	78	645040	20.96	ug/l	100
41) Methacrylonitrile	7.18	41	80558	23.48	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	216435	21.08	ug/l	99
43) Isopropyl Acetate	8.17	43	296323	21.66	ug/l	98
44) Trichloroethene	8.84	130	166927	20.19	ug/l	100
45) 1,2-Dichloropropane	9.12	63	175127	21.49	ug/l	96
46) Dibromomethane	9.21	93	107055	21.15	ug/l	98
47) Bromodichloromethane	9.41	83	223828	20.96	ug/l	100
48) Methyl methacrylate	9.20	41	137231	22.60	ug/l	100
49) 1,4-Dioxane	9.20	88	40062	484.84	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	807307	116.49	ug/l	100
52) Toluene	10.16	92	393309	21.65	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	208437	20.68	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	240371	20.87	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	163654	22.72	ug/l	99
56) Ethyl methacrylate	10.43	69	190407	20.75	ug/l	100
57) 1,3-Dichloropropane	10.71	76	256505	21.86	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	420919	97.70	ug/l	100
59) 2-Hexanone	10.75	43	554771	111.86	ug/l	99
60) Dibromochloromethane	10.90	129	172574	21.64	ug/l	99
61) 1,2-Dibromoethane	11.01	107	157864	22.08	ug/l	99
64) Tetrachloroethene	10.63	164	160909	20.51	ug/l	99
65) Chlorobenzene	11.44	112	427878	20.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	167358	21.13	ug/l	100
67) Ethyl Benzene	11.51	91	705908	21.32	ug/l	100
68) m/p-Xylenes	11.63	106	551510	44.03	ug/l	100
69) o-Xylene	11.95	106	264644	22.16	ug/l	97
70) Styrene	11.97	104	433059	20.94	ug/l	99
71) Bromoform	12.13	173	122041	21.18	ug/l #	99
73) Isopropylbenzene	12.25	105	689772	20.78	ug/l	98
74) N-amyl acetate	12.07	43	219204	21.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	212265	22.99	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	166534m	20.94	ug/l	
77) Bromobenzene	12.53	156	187983	20.44	ug/l	98
78) n-propylbenzene	12.59	91	798828	21.53	ug/l	100
79) 2-Chlorotoluene	12.68	91	489801	21.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	581691	22.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49190	19.62	ug/l	97
82) 4-Chlorotoluene	12.78	91	492153	21.62	ug/l	98
83) tert-Butylbenzene	12.99	119	495279	21.74	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	597910	22.72	ug/l	99
85) sec-Butylbenzene	13.17	105	662917	21.78	ug/l	100
86) p-Isopropyltoluene	13.29	119	565648	22.05	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	327334	20.99	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	324809	21.37	ug/l	99
89) n-Butylbenzene	13.62	91	441005	20.91	ug/l	100
90) Hexachloroethane	13.88	117	95926	16.84	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	329792	21.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34239	22.71	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	165941	21.92	ug/l	98
94) Hexachlorobutadiene	15.01	225	93602	19.62	ug/l	99
95) Naphthalene	15.14	128	387066	22.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	167176	22.05	ug/l	100

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

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