

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050332.D
 Acq On : 4 Aug 2018 00:06
 Operator : MD\SY
 Sample : VN0803WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 11:37:08 AM

Quant Time: Aug 04 01:56:53 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	582473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	887438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	419014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	403092	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.20%		
35) Dibromofluoromethane	7.59	113	356132	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.30%		
50) Toluene-d8	10.09	98	1283740	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.38%		
62) 4-Bromofluorobenzene	12.40	95	430731	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.22%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	168489	20.13	ug/l	100
3) Chloromethane	2.06	50	165348	18.18	ug/l	99
4) Vinyl Chloride	2.18	62	186164	19.43	ug/l	98
5) Bromomethane	2.56	94	89113	16.07	ug/l	97
6) Chloroethane	2.70	64	111543	19.39	ug/l	99
7) Trichlorofluoromethane	3.01	101	254819	20.53	ug/l	100
8) Diethyl Ether	3.41	74	91502	22.12	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	154802	20.74	ug/l	99
10) Methyl Iodide	3.95	142	89354	9.33	ug/l	97
11) Tert butyl alcohol	4.80	59	74327	124.30	ug/l	100
12) 1,1-Dichloroethene	3.73	96	138566	20.64	ug/l	95
13) Acrolein	3.61	56	72748	151.42	ug/l	96
14) Allyl chloride	4.32	41	217968	20.94	ug/l	98
15) Acrylonitrile	5.00	53	303404	116.30	ug/l	99
16) Acetone	3.82	43	249913	128.44	ug/l	99
17) Carbon Disulfide	4.05	76	351643	17.10	ug/l	100
18) Methyl Acetate	4.33	43	226602	29.78	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	419495	23.45	ug/l	99
20) Methylene Chloride	4.55	84	164716	22.16	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	147364	20.72	ug/l	99
22) Diisopropyl ether	5.96	45	498112	24.13	ug/l	98
23) Vinyl Acetate	5.90	43	1560831	107.01	ug/l	99
24) 1,1-Dichloroethane	5.85	63	299222	22.17	ug/l	100
25) 2-Butanone	6.84	43	366660	118.28	ug/l	98
26) 2,2-Dichloropropane	6.82	77	180520	17.58	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	173229	22.62	ug/l	98
28) Bromochloromethane	7.20	49	130551	21.21	ug/l	99
29) Tetrahydrofuran	7.22	42	235894	117.77	ug/l	99
30) Chloroform	7.37	83	306101	22.22	ug/l	98
31) Cyclohexane	7.66	56	226008	20.15	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	254470	21.60	ug/l	100
36) 1,1-Dichloropropene	7.80	75	209503	20.95	ug/l	99
37) Ethyl Acetate	6.94	43	154831	22.21	ug/l	100
38) Carbon Tetrachloride	7.78	117	219664	20.71	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	196776	19.13	ug/l	97
40) Benzene	8.05	78	663565	21.81	ug/l	100
41) Methacrylonitrile	7.18	41	82272	24.16	ug/l #	83
42) 1,2-Dichloroethane	8.13	62	219433	21.62	ug/l	99
43) Isopropyl Acetate	8.17	43	304448	22.55	ug/l #	91
44) Trichloroethene	8.84	130	171778	21.01	ug/l	97
45) 1,2-Dichloropropane	9.12	63	177011	21.97	ug/l	98
46) Dibromomethane	9.21	93	110552	22.09	ug/l	99
47) Bromodichloromethane	9.41	83	227688	21.56	ug/l	99
48) Methyl methacrylate	9.20	41	137410	22.89	ug/l	99
49) 1,4-Dioxane	9.20	88	39462	483.01	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	819768	119.63	ug/l	99
52) Toluene	10.16	92	398881	22.21	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	212681	21.34	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	243588	21.39	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	164459	23.09	ug/l	98
56) Ethyl methacrylate	10.43	69	196077	21.53	ug/l	99
57) 1,3-Dichloropropane	10.71	76	265960	22.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	409247	96.21	ug/l	99
59) 2-Hexanone	10.75	43	553833	112.89	ug/l	100
60) Dibromochloromethane	10.90	129	174888	22.17	ug/l	98
61) 1,2-Dibromoethane	11.01	107	157115	22.23	ug/l	99
64) Tetrachloroethene	10.63	164	165894	21.55	ug/l	99
65) Chlorobenzene	11.44	112	437653	21.64	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	168088	21.63	ug/l	97
67) Ethyl Benzene	11.51	91	723330	22.27	ug/l	100
68) m/p-Xylenes	11.62	106	560711	45.63	ug/l	100
69) o-Xylene	11.95	106	267590	22.84	ug/l	100
70) Styrene	11.97	104	440436	21.67	ug/l	100
71) Bromoform	12.13	173	123401	21.83	ug/l #	98
73) Isopropylbenzene	12.25	105	718001	22.09	ug/l	100
74) N-amyl acetate	12.07	43	226191	22.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	216254	24.00	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	179306m	23.03	ug/l	
77) Bromobenzene	12.53	156	193140	21.44	ug/l	99
78) n-propylbenzene	12.59	91	821762	22.62	ug/l	100
79) 2-Chlorotoluene	12.68	91	495371	22.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	597696	23.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50390	20.52	ug/l	97
82) 4-Chlorotoluene	12.78	91	508355	22.80	ug/l	100
83) tert-Butylbenzene	12.99	119	508220	22.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	616232	23.92	ug/l	98
85) sec-Butylbenzene	13.17	105	681307	22.86	ug/l	99
86) p-Isopropyltoluene	13.29	119	583418	23.23	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	336828	22.06	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	328774	22.09	ug/l	98
89) n-Butylbenzene	13.62	91	459499	22.25	ug/l	99
90) Hexachloroethane	13.88	117	98239	17.62	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	338507	22.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34161	23.16	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	177220	23.63	ug/l	99
94) Hexachlorobutadiene	15.01	225	96867	20.73	ug/l	99
95) Naphthalene	15.14	128	414528	24.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	178708	23.87	ug/l	99

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

