

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050427.D
 Acq On : 7 Aug 2018 13:22
 Operator : MD\SY
 Sample : VN0807WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0807WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 10:47:14 AM

Quant Time: Aug 08 05:47:40 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	654242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	967326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	873011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	437085	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	7.59	113	392397	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.09	98	1460508	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	464168	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	139915	19.27	ug/l	100
3) Chloromethane	2.06	50	172602	19.21	ug/l	98
4) Vinyl Chloride	2.18	62	182132	19.38	ug/l	99
5) Bromomethane	2.56	94	104164	22.95	ug/l	99
6) Chloroethane	2.70	64	110021	18.99	ug/l	100
7) Trichlorofluoromethane	3.01	101	241540	19.90	ug/l	100
8) Diethyl Ether	3.41	74	83678	18.79	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	147811	19.70	ug/l	99
10) Methyl Iodide	3.95	142	73580	22.26	ug/l	98
11) Tert butyl alcohol	4.80	59	53523	76.22	ug/l #	90
12) 1,1-Dichloroethene	3.73	96	133607	18.89	ug/l	97
13) Acrolein	3.61	56	72751	89.87	ug/l	99
14) Allyl chloride	4.33	41	208213	18.33	ug/l	99
15) Acrylonitrile	4.99	53	257501	87.54	ug/l	99
16) Acetone	3.82	43	236174	90.37	ug/l	98
17) Carbon Disulfide	4.05	76	405206	17.62	ug/l	100
18) Methyl Acetate	4.33	43	126603	18.57	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	367797	18.32	ug/l	100
20) Methylene Chloride	4.55	84	156970	18.72	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	145193	18.97	ug/l	97
22) Diisopropyl ether	5.96	45	453671	19.55	ug/l	96
23) Vinyl Acetate	5.90	43	1535744	92.76	ug/l	99
24) 1,1-Dichloroethane	5.85	63	272947	19.17	ug/l	99
25) 2-Butanone	6.84	43	371533	85.77	ug/l	99
26) 2,2-Dichloropropane	6.83	77	218815	18.64	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	161673	19.06	ug/l	99
28) Bromochloromethane	7.20	49	129652	19.78	ug/l	99
29) Tetrahydrofuran	7.22	42	192452	83.01	ug/l	98
30) Chloroform	7.37	83	279114	19.61	ug/l	99
31) Cyclohexane	7.66	56	240785	18.82	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	236151	19.32	ug/l	99
36) 1,1-Dichloropropene	7.80	75	203929	19.19	ug/l	99
37) Ethyl Acetate	6.93	43	137021	17.90	ug/l	98
38) Carbon Tetrachloride	7.78	117	207546	18.72	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	214657	18.50	ug/l	100
40) Benzene	8.04	78	632587	19.36	ug/l	99
41) Methacrylonitrile	7.18	41	65354	16.06	ug/l	88
42) 1,2-Dichloroethane	8.13	62	201551	19.43	ug/l	100
43) Isopropyl Acetate	8.17	43	240776	18.22	ug/l	99
44) Trichloroethene	8.84	130	164524	18.74	ug/l	100
45) 1,2-Dichloropropane	9.12	63	166632	19.40	ug/l	97
46) Dibromomethane	9.21	93	100277	18.90	ug/l	100
47) Bromodichloromethane	9.40	83	210326	19.14	ug/l	100
48) Methyl methacrylate	9.20	41	115248	17.40	ug/l	100
49) 1,4-Dioxane	9.20	88	32765	320.98	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	831445	87.38	ug/l	99
52) Toluene	10.16	92	384221	19.58	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	201210	18.24	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	236196	19.18	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	144687	18.88	ug/l	97
56) Ethyl methacrylate	10.43	69	173892	17.20	ug/l	97
57) 1,3-Dichloropropane	10.71	76	237478	18.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	431841	90.30	ug/l	99
59) 2-Hexanone	10.75	43	557511	83.95	ug/l	100
60) Dibromochloromethane	10.90	129	156475	18.54	ug/l	97
61) 1,2-Dibromoethane	11.01	107	140693	18.63	ug/l	98
64) Tetrachloroethene	10.63	164	161124	19.75	ug/l	98
65) Chlorobenzene	11.44	112	408229	18.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153785	19.31	ug/l	99
67) Ethyl Benzene	11.51	91	676854	19.13	ug/l	100
68) m/p-Xylenes	11.62	106	529546	39.32	ug/l	99
69) o-Xylene	11.95	106	248754	19.17	ug/l	99
70) Styrene	11.97	104	405150	19.20	ug/l	99
71) Bromoform	12.13	173	106715	18.33	ug/l #	98
73) Isopropylbenzene	12.25	105	660111	20.12	ug/l	99
74) N-amyl acetate	12.07	43	188694	17.74	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	175977	18.59	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	150586m	19.03	ug/l	
77) Bromobenzene	12.53	156	174575	19.86	ug/l	99
78) n-propylbenzene	12.59	91	757989	20.41	ug/l	99
79) 2-Chlorotoluene	12.68	91	455072	19.84	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	546705	20.53	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	43261	19.21	ug/l	97
82) 4-Chlorotoluene	12.77	91	471016	20.59	ug/l	99
83) tert-Butylbenzene	12.99	119	460745	19.83	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	551891	20.45	ug/l	100
85) sec-Butylbenzene	13.17	105	618390	19.97	ug/l	100
86) p-Isopropyltoluene	13.29	119	526812	19.85	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	296670	18.95	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	293164	18.75	ug/l	98
89) n-Butylbenzene	13.62	91	412670	18.26	ug/l	99
90) Hexachloroethane	13.88	117	91126	19.31	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	292933	18.67	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25280	15.73	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	138249	17.30	ug/l	97
94) Hexachlorobutadiene	15.01	225	87640	19.05	ug/l	100
95) Naphthalene	15.14	128	289876	16.32	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	137396	17.00	ug/l	99

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

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