

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050454.D
 Acq On : 8 Aug 2018 13:11
 Operator : MD\SY
 Sample : VN0808WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 1:32:13 PM

Quant Time: Aug 08 15:26:48 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	773470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1152137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1029460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	515169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	479574	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	7.59	113	441421	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.09	98	1637263	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.40	95	542858	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	160544	18.70	ug/l	98
3) Chloromethane	2.06	50	190829	17.87	ug/l	99
4) Vinyl Chloride	2.18	62	207876	18.70	ug/l	97
5) Bromomethane	2.56	94	114863	21.41	ug/l	100
6) Chloroethane	2.70	64	129700	18.94	ug/l	97
7) Trichlorofluoromethane	3.01	101	280014	19.51	ug/l	99
8) Diethyl Ether	3.41	74	102239	19.42	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	169313	19.09	ug/l	97
10) Methyl Iodide	3.95	142	75937	19.43	ug/l	98
11) Tert butyl alcohol	4.79	59	67486	81.29	ug/l	100
12) 1,1-Dichloroethene	3.74	96	158733	18.98	ug/l	96
13) Acrolein	3.61	56	69379	75.40	ug/l	95
14) Allyl chloride	4.32	41	247368	18.42	ug/l	98
15) Acrylonitrile	4.99	53	290208	83.45	ug/l	100
16) Acetone	3.82	43	260023	84.13	ug/l	99
17) Carbon Disulfide	4.05	76	459341	16.89	ug/l	99
18) Methyl Acetate	4.33	43	141856	17.59	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	460551	19.40	ug/l	99
20) Methylene Chloride	4.55	84	181835	18.31	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	171437	18.95	ug/l	99
22) Diisopropyl ether	5.96	45	534305	19.48	ug/l	99
23) Vinyl Acetate	5.90	43	1810456	92.50	ug/l	100
24) 1,1-Dichloroethane	5.85	63	318009	18.89	ug/l	100
25) 2-Butanone	6.84	43	425473	83.08	ug/l	97
26) 2,2-Dichloropropane	6.83	77	261160	18.82	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	197966	19.74	ug/l	98
28) Bromochloromethane	7.20	49	138868	17.92	ug/l	94
29) Tetrahydrofuran	7.22	42	225816	82.38	ug/l	98
30) Chloroform	7.37	83	325543	19.35	ug/l	100
31) Cyclohexane	7.66	56	280500	18.54	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	279469	19.34	ug/l	98
36) 1,1-Dichloropropene	7.80	75	245216	19.37	ug/l	99
37) Ethyl Acetate	6.94	43	155304	17.04	ug/l	99
38) Carbon Tetrachloride	7.78	117	247503	18.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	254590	18.42	ug/l	98
40) Benzene	8.04	78	741967	19.06	ug/l	100
41) Methacrylonitrile	7.18	41	72631	14.98	ug/l	89
42) 1,2-Dichloroethane	8.13	62	230239	18.63	ug/l	99
43) Isopropyl Acetate	8.17	43	275349	17.50	ug/l #	85
44) Trichloroethene	8.84	130	201154	19.24	ug/l	98
45) 1,2-Dichloropropane	9.12	63	191703	18.74	ug/l	99
46) Dibromomethane	9.21	93	114842	18.18	ug/l	95
47) Bromodichloromethane	9.41	83	243533	18.61	ug/l	99
48) Methyl methacrylate	9.20	41	135150	17.13	ug/l	97
49) 1,4-Dioxane	9.20	88	38438	316.15	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	970359	85.62	ug/l	99
52) Toluene	10.16	92	457440	19.57	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	242012	18.42	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	284741	19.42	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	170891	18.72	ug/l	99
56) Ethyl methacrylate	10.43	69	213507	17.68	ug/l	98
57) 1,3-Dichloropropane	10.71	76	279645	18.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	489707	86.33	ug/l	99
59) 2-Hexanone	10.75	43	640206	80.94	ug/l	97
60) Dibromochloromethane	10.90	129	185755	18.47	ug/l	99
61) 1,2-Dibromoethane	11.01	107	167612	18.63	ug/l	99
64) Tetrachloroethene	10.63	164	197334	20.51	ug/l	97
65) Chlorobenzene	11.44	112	496257	19.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	183936	19.58	ug/l	99
67) Ethyl Benzene	11.51	91	832801	19.96	ug/l	100
68) m/p-Xylenes	11.62	106	647552	40.77	ug/l	99
69) o-Xylene	11.95	106	313495	20.49	ug/l	98
70) Styrene	11.97	104	495590	19.92	ug/l	100
71) Bromoform	12.13	173	127289	18.54	ug/l #	99
73) Isopropylbenzene	12.25	105	821633	21.25	ug/l	100
74) N-amyl acetate	12.07	43	223932	17.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	202104	18.11	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	177012m	18.98	ug/l	
77) Bromobenzene	12.53	156	211655	20.43	ug/l	98
78) n-propylbenzene	12.59	91	897007	20.49	ug/l	99
79) 2-Chlorotoluene	12.68	91	559759	20.71	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	661909	21.09	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49397	18.61	ug/l	99
82) 4-Chlorotoluene	12.77	91	545854	20.25	ug/l	98
83) tert-Butylbenzene	12.99	119	574669	20.98	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	668914	21.03	ug/l	99
85) sec-Butylbenzene	13.17	105	726741	19.91	ug/l	99
86) p-Isopropyltoluene	13.29	119	636696	20.35	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	360243	19.52	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	351056	19.05	ug/l	98
89) n-Butylbenzene	13.62	91	492861	18.51	ug/l	99
90) Hexachloroethane	13.88	117	99002	17.80	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	355045	19.20	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31761	16.77	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	174327	18.50	ug/l	99
94) Hexachlorobutadiene	15.01	225	104037	19.20	ug/l	99
95) Naphthalene	15.14	128	400576	18.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	173672	18.23	ug/l	97

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

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