

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050816.D
 Acq On : 22 Aug 2018 13:48
 Operator : MD\SY
 Sample : VN0822WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 12:26:54 PM

Quant Time: Aug 23 01:38:23 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	669490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	978128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	900378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	423829	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	420075	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	7.59	113	393079	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1507580	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.40	95	493577	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	193478	21.59	ug/l	100
3) Chloromethane	2.06	50	207639	18.79	ug/l	99
4) Vinyl Chloride	2.18	62	204483	19.53	ug/l	100
5) Bromomethane	2.57	94	122497	19.95	ug/l	98
6) Chloroethane	2.70	64	120368	19.90	ug/l	99
7) Trichlorofluoromethane	3.01	101	269433	20.10	ug/l	99
8) Diethyl Ether	3.41	74	96450	21.16	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	165024	19.70	ug/l	99
10) Methyl Iodide	3.95	142	124218	21.10	ug/l	99
11) Tert butyl alcohol	4.80	59	56186	109.48	ug/l	100
12) 1,1-Dichloroethene	3.73	96	151654	20.17	ug/l	98
13) Acrolein	3.61	56	28138	105.07	ug/l	95
14) Allyl chloride	4.33	41	232139	19.81	ug/l	99
15) Acrylonitrile	4.99	53	272421	104.44	ug/l	99
16) Acetone	3.82	43	186778	93.44	ug/l	99
17) Carbon Disulfide	4.05	76	460926	18.29	ug/l	100
18) Methyl Acetate	4.33	43	150652	19.80	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	405409	21.43	ug/l	100
20) Methylene Chloride	4.55	84	174548	19.22	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	162072	19.93	ug/l	99
22) Diisopropyl ether	5.96	45	499618	21.40	ug/l	99
23) Vinyl Acetate	5.90	43	1580919	105.13	ug/l	100
24) 1,1-Dichloroethane	5.85	63	304424	20.31	ug/l	99
25) 2-Butanone	6.84	43	297721	91.66	ug/l	100
26) 2,2-Dichloropropane	6.83	77	230062	19.10	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	180838	20.62	ug/l	98
28) Bromochloromethane	7.20	49	117309	18.42	ug/l	99
29) Tetrahydrofuran	7.22	42	202500	108.74	ug/l	98
30) Chloroform	7.37	83	298170	20.09	ug/l	98
31) Cyclohexane	7.65	56	266618	19.85	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	255882	20.07	ug/l	99
36) 1,1-Dichloropropene	7.80	75	229379	19.87	ug/l	99
37) Ethyl Acetate	6.93	43	136997	20.66	ug/l	100
38) Carbon Tetrachloride	7.78	117	224886	19.27	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	234770	18.80	ug/l	98
40) Benzene	8.04	78	702925	20.20	ug/l	98
41) Methacrylonitrile	7.17	41	64084	17.86	ug/l	90
42) 1,2-Dichloroethane	8.13	62	207752	19.96	ug/l	100
43) Isopropyl Acetate	8.17	43	247349	21.70	ug/l #	89
44) Trichloroethene	8.84	130	184577	20.11	ug/l	99
45) 1,2-Dichloropropane	9.12	63	182821	19.99	ug/l	99
46) Dibromomethane	9.21	93	107799	20.06	ug/l	99
47) Bromodichloromethane	9.40	83	220762	19.61	ug/l	98
48) Methyl methacrylate	9.20	41	117336	20.20	ug/l	98
49) 1,4-Dioxane	9.20	88	34251	432.45	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	684617	100.64	ug/l	99
52) Toluene	10.16	92	429675	20.84	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	221627	19.78	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	258485	20.14	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	156852	20.50	ug/l	98
56) Ethyl methacrylate	10.43	69	182052	19.78	ug/l	99
57) 1,3-Dichloropropane	10.71	76	258436	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	389730	97.55	ug/l	99
59) 2-Hexanone	10.75	43	465756	102.84	ug/l	96
60) Dibromochloromethane	10.90	129	168283	19.64	ug/l	99
61) 1,2-Dibromoethane	11.01	107	151218	20.43	ug/l	100
64) Tetrachloroethene	10.63	164	164518	19.24	ug/l	97
65) Chlorobenzene	11.44	112	463698	19.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	171895	19.96	ug/l	99
67) Ethyl Benzene	11.51	91	778830	20.36	ug/l	99
68) m/p-Xylenes	11.62	106	606306	41.75	ug/l	98
69) o-Xylene	11.95	106	302210	21.65	ug/l	100
70) Styrene	11.97	104	457235	19.38	ug/l	98
71) Bromoform	12.13	173	115724	19.54	ug/l #	99
73) Isopropylbenzene	12.25	105	779359	22.21	ug/l	100
74) N-amyl acetate	12.07	43	185516m	21.04	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.51	83	181228	20.70	ug/l	93
76) 1,2,3-Trichloropropane	12.55	75	153467m	20.67	ug/l	
77) Bromobenzene	12.53	156	197564	20.71	ug/l	99
78) n-propylbenzene	12.59	91	851633	21.72	ug/l	100
79) 2-Chlorotoluene	12.68	91	520272	21.31	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	650070	22.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44387	20.21	ug/l #	84
82) 4-Chlorotoluene	12.77	91	505499	20.97	ug/l	99
83) tert-Butylbenzene	12.99	119	551138	22.47	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	672828	23.62	ug/l	100
85) sec-Butylbenzene	13.17	105	700601	21.80	ug/l	99
86) p-Isopropyltoluene	13.29	119	606296	22.14	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	322979	19.95	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	311306	19.54	ug/l	94
89) n-Butylbenzene	13.62	91	470058	21.46	ug/l	99
90) Hexachloroethane	13.88	117	104470	20.13	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	317275	20.32	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26289	20.86	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	137934	19.68	ug/l	99
94) Hexachlorobutadiene	15.01	225	93427	19.50	ug/l	99
95) Naphthalene	15.14	128	299070	21.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	140950	20.59	ug/l	99

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

