

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050282.D
 Acq On : 2 Aug 2018 23:39
 Operator : MD\SY
 Sample : VN0802WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:37:01 AM

Quant Time: Aug 03 02:16:43 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	585124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	893864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	798984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	411521	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
35) Dibromofluoromethane	7.59	113	370019	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1319938	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	431670	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	169084	20.112	ug/l	98
3) Chloromethane	2.06	50	164686	18.021	ug/l	99
4) Vinyl Chloride	2.18	62	178227	18.519	ug/l	99
5) Bromomethane	2.56	94	74485	13.199	ug/l	99
6) Chloroethane	2.70	64	107114	18.533	ug/l	98
7) Trichlorofluoromethane	3.01	101	246995	19.811	ug/l	97
8) Diethyl Ether	3.41	74	88103	21.198	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	151255	20.175	ug/l	100
10) Methyl Iodide	3.95	142	97574	10.140	ug/l	100
11) Tert butyl alcohol	4.80	59	75083	124.996	ug/l	100
12) 1,1-Dichloroethene	3.73	96	134798	19.988	ug/l	97
13) Acrolein	3.61	56	80929	167.688	ug/l	99
14) Allyl chloride	4.32	41	208596	19.948	ug/l	98
15) Acrylonitrile	5.00	53	302704	115.505	ug/l	98
16) Acetone	3.82	43	228904	116.721	ug/l	99
17) Carbon Disulfide	4.05	76	351544	17.016	ug/l	100
18) Methyl Acetate	4.33	43	225032	29.416	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	398933	22.198	ug/l	100
20) Methylene Chloride	4.55	84	159116	21.261	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	140159	19.614	ug/l	99
22) Diisopropyl ether	5.96	45	468131	22.577	ug/l	95
23) Vinyl Acetate	5.90	43	1527129	104.221	ug/l	100
24) 1,1-Dichloroethane	5.85	63	284695	20.997	ug/l	98
25) 2-Butanone	6.85	43	357647	114.855	ug/l	99
26) 2,2-Dichloropropane	6.83	77	163943	15.894	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	161284	20.966	ug/l	98
28) Bromochloromethane	7.20	49	127274	20.580	ug/l	99
29) Tetrahydrofuran	7.22	42	239864	119.206	ug/l	99
30) Chloroform	7.37	83	290170	20.972	ug/l	99
31) Cyclohexane	7.66	56	216014	19.169	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	245057	20.706	ug/l	99
36) 1,1-Dichloropropene	7.80	75	200001	19.860	ug/l	98
37) Ethyl Acetate	6.94	43	150851	21.485	ug/l	99
38) Carbon Tetrachloride	7.77	117	214216	20.047	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	193297	18.658	ug/l	98
40) Benzene	8.04	78	635593	20.741	ug/l	99
41) Methacrylonitrile	7.18	41	76027	22.395	ug/l	88
42) 1,2-Dichloroethane	8.13	62	209511	20.493	ug/l	100
43) Isopropyl Acetate	8.17	43	317728	23.407	ug/l #	93
44) Trichloroethene	8.84	130	163646	19.873	ug/l	99
45) 1,2-Dichloropropane	9.12	63	170129	20.960	ug/l	98
46) Dibromomethane	9.21	93	106922	21.215	ug/l	100
47) Bromodichloromethane	9.41	83	223721	21.032	ug/l	100
48) Methyl methacrylate	9.20	41	134993	22.324	ug/l	99
49) 1,4-Dioxane	9.20	88	39352	478.198	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	814118	117.949	ug/l	100
52) Toluene	10.16	92	386770	21.381	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	202466	20.171	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	235856	20.560	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	155471	21.668	ug/l	98
56) Ethyl methacrylate	10.43	69	187105	20.499	ug/l	100
57) 1,3-Dichloropropane	10.71	76	249855	21.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	366059	86.391	ug/l	99
59) 2-Hexanone	10.76	43	543548	110.125	ug/l	99
60) Dibromochloromethane	10.90	129	171148	21.545	ug/l	98
61) 1,2-Dibromoethane	11.01	107	149542	21.006	ug/l	97
64) Tetrachloroethene	10.63	164	153639	20.001	ug/l	98
65) Chlorobenzene	11.44	112	417328	20.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	163450	21.078	ug/l	99
67) Ethyl Benzene	11.51	91	678632	20.933	ug/l	100
68) m/p-Xylenes	11.63	106	529391	43.171	ug/l	99
69) o-Xylene	11.95	106	255272	21.837	ug/l	97
70) Styrene	11.97	104	405484	20.066	ug/l	100
71) Bromoform	12.13	173	121119	21.471	ug/l #	100
73) Isopropylbenzene	12.25	105	679567	22.089	ug/l	99
74) N-amyl acetate	12.07	43	205158	21.819	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	205381	24.078	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	163322m	22.154	ug/l	
77) Bromobenzene	12.53	156	177137	20.775	ug/l	97
78) n-propylbenzene	12.59	91	762405	22.172	ug/l	99
79) 2-Chlorotoluene	12.68	91	470125	22.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	557973	23.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	46743	20.111	ug/l	96
82) 4-Chlorotoluene	12.78	91	468120	22.179	ug/l	99
83) tert-Butylbenzene	13.00	119	473244	22.409	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	561398	23.016	ug/l	99
85) sec-Butylbenzene	13.17	105	630327	22.338	ug/l	99
86) p-Isopropyltoluene	13.29	119	531527	22.355	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	308731	21.359	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	298216	21.167	ug/l	98
89) n-Butylbenzene	13.62	91	398761	20.395	ug/l	99
90) Hexachloroethane	13.88	117	107843	20.427	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	309593	21.426	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33199	23.794	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	132095	19.260	ug/l	97
94) Hexachlorobutadiene	15.01	225	91291	20.638	ug/l	100
95) Naphthalene	15.14	128	298675	19.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	142533	20.460	ug/l	100

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

