

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050484.D
 Acq On : 9 Aug 2018 14:37
 Operator : MD\SY
 Sample : VN0809WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:52:54 AM

Quant Time: Aug 10 05:16:44 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	729476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1085129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	993706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	519152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	469563	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	7.59	113	426918	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	1594563	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	536333	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	150885	18.63	ug/l	99
3) Chloromethane	2.06	50	194689	19.45	ug/l	100
4) Vinyl Chloride	2.18	62	205151	19.57	ug/l	99
5) Bromomethane	2.56	94	110491	21.84	ug/l	96
6) Chloroethane	2.70	64	126717	19.62	ug/l	97
7) Trichlorofluoromethane	3.01	101	269642	19.92	ug/l	100
8) Diethyl Ether	3.41	74	96840	19.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	162344	19.41	ug/l	98
10) Methyl Iodide	3.95	142	78867	21.40	ug/l	98
11) Tert butyl alcohol	4.79	59	64692	82.62	ug/l	100
12) 1,1-Dichloroethene	3.73	96	152494	19.34	ug/l	98
13) Acrolein	3.61	56	54554	65.36	ug/l	96
14) Allyl chloride	4.32	41	232189	18.33	ug/l	98
15) Acrylonitrile	4.99	53	300962	91.77	ug/l	98
16) Acetone	3.82	43	265332	91.06	ug/l	100
17) Carbon Disulfide	4.05	76	446626	17.42	ug/l	99
18) Methyl Acetate	4.33	43	145640	19.16	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	442906	19.79	ug/l	98
20) Methylene Chloride	4.55	84	180085	19.31	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	167103	19.58	ug/l	94
22) Diisopropyl ether	5.96	45	514049	19.87	ug/l	98
23) Vinyl Acetate	5.90	43	1753355	94.98	ug/l	99
24) 1,1-Dichloroethane	5.85	63	307144	19.35	ug/l	99
25) 2-Butanone	6.84	43	420466	87.06	ug/l	98
26) 2,2-Dichloropropane	6.83	77	234790	17.94	ug/l	100
27) cis-1,2-Dichloroethene	6.84	96	190837	20.17	ug/l	97
28) Bromochloromethane	7.20	49	135392	18.53	ug/l	94
29) Tetrahydrofuran	7.22	42	225687	87.30	ug/l	98
30) Chloroform	7.37	83	318474	20.07	ug/l	98
31) Cyclohexane	7.66	56	263687	18.48	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	270478	19.84	ug/l	99
36) 1,1-Dichloropropene	7.79	75	236145	19.81	ug/l	99
37) Ethyl Acetate	6.94	43	156761	18.26	ug/l	99
38) Carbon Tetrachloride	7.78	117	239290	19.24	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	240695	18.49	ug/l	99
40) Benzene	8.04	78	713214	19.46	ug/l	99
41) Methacrylonitrile	7.18	41	77759	17.03	ug/l	85
42) 1,2-Dichloroethane	8.13	62	225906	19.41	ug/l	98
43) Isopropyl Acetate	8.17	43	269663	18.19	ug/l	97
44) Trichloroethene	8.84	130	193745	19.67	ug/l	97
45) 1,2-Dichloropropane	9.12	63	184397	19.13	ug/l	98
46) Dibromomethane	9.21	93	114343	19.21	ug/l	97
47) Bromodichloromethane	9.40	83	237642	19.28	ug/l	100
48) Methyl methacrylate	9.20	41	133712	18.00	ug/l	98
49) 1,4-Dioxane	9.20	88	40016	349.45	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	959025	89.84	ug/l	99
52) Toluene	10.16	92	446948	20.30	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238795	19.29	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	273922	19.83	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167914	19.53	ug/l	98
56) Ethyl methacrylate	10.43	69	208448	18.26	ug/l	98
57) 1,3-Dichloropropane	10.71	76	276199	19.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	470983	88.00	ug/l	98
59) 2-Hexanone	10.75	43	643798	86.42	ug/l	98
60) Dibromochloromethane	10.90	129	183906	19.42	ug/l	99
61) 1,2-Dibromoethane	11.01	107	163096	19.25	ug/l	98
64) Tetrachloroethene	10.63	164	184472	19.87	ug/l	98
65) Chlorobenzene	11.44	112	488764	19.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180243	19.88	ug/l	99
67) Ethyl Benzene	11.51	91	813765	20.21	ug/l	99
68) m/p-Xylenes	11.62	106	646494	42.17	ug/l	99
69) o-Xylene	11.95	106	307391	20.82	ug/l	98
70) Styrene	11.97	104	497833	20.73	ug/l	99
71) Bromoform	12.13	173	130001	19.62	ug/l #	99
73) Isopropylbenzene	12.25	105	811139	20.81	ug/l	100
74) N-amyl acetate	12.07	43	225823	17.88	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	213612	19.00	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	177740m	18.91	ug/l	
77) Bromobenzene	12.53	156	214815	20.58	ug/l	98
78) n-propylbenzene	12.59	91	912116	20.68	ug/l	99
79) 2-Chlorotoluene	12.68	91	565255	20.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	664846	21.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49677	18.57	ug/l	98
82) 4-Chlorotoluene	12.77	91	566108	20.84	ug/l	99
83) tert-Butylbenzene	12.99	119	578673	20.97	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	684083	21.35	ug/l	100
85) sec-Butylbenzene	13.17	105	748070	20.34	ug/l	100
86) p-Isopropyltoluene	13.29	119	644931	20.46	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	375146	20.17	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	368166	19.83	ug/l	99
89) n-Butylbenzene	13.62	91	496762	18.51	ug/l	100
90) Hexachloroethane	13.88	117	107654	19.21	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	371046	19.91	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32868	17.22	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	171781	18.09	ug/l	98
94) Hexachlorobutadiene	15.01	225	110181	20.27	ug/l	99
95) Naphthalene	15.14	128	370160	17.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	167544	17.45	ug/l	100

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

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