

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053340.D
 Acq On : 10 Jan 2019 14:34
 Operator : MD\SY
 Sample : VN0110WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:11:56 AM

Quant Time: Jan 11 06:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	921988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1429126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1275807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	577468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	463383	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	396711	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1682151	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	586282	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158860	19.544	ug/l	98
3) Chloromethane	2.06	50	211257	18.611	ug/l	97
4) Vinyl Chloride	2.19	62	206897	19.097	ug/l	99
5) Bromomethane	2.54	94	136198	19.238	ug/l	99
6) Chloroethane	2.69	64	124194	18.992	ug/l	97
7) Trichlorofluoromethane	3.02	101	268700	19.148	ug/l	98
8) Diethyl Ether	3.41	74	107881	19.614	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170893	19.215	ug/l	99
10) Methyl Iodide	3.95	142	234401	18.802	ug/l	100
11) Tert butyl alcohol	4.78	59	45323	78.557	ug/l	100
12) 1,1-Dichloroethene	3.73	96	164304	19.099	ug/l	99
13) Acrolein	3.61	56	61718	85.080	ug/l	100
14) Allyl chloride	4.32	41	270445	19.505	ug/l	97
15) Acrylonitrile	4.99	53	337324	97.942	ug/l	100
16) Acetone	3.82	43	239174	102.283	ug/l	99
17) Carbon Disulfide	4.05	76	457697	17.257	ug/l	100
18) Methyl Acetate	4.32	43	163206	18.800	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	482103	19.968	ug/l	100
20) Methylene Chloride	4.55	84	197797	19.199	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	178393	19.313	ug/l	98
22) Diisopropyl ether	5.95	45	597218	19.994	ug/l	99
23) Vinyl Acetate	5.90	43	1872121	99.609	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339124	19.685	ug/l	100
25) 2-Butanone	6.83	43	382328	97.154	ug/l	100
26) 2,2-Dichloropropane	6.82	77	248583	19.739	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	208062	19.725	ug/l	99
28) Bromochloromethane	7.19	49	157242	21.419	ug/l	99
29) Tetrahydrofuran	7.21	42	254997	98.192	ug/l	97
30) Chloroform	7.37	83	333065	19.642	ug/l	98
31) Cyclohexane	7.66	56	321667	19.530	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	276810	19.590	ug/l	99
36) 1,1-Dichloropropene	7.79	75	252820	18.949	ug/l	99
37) Ethyl Acetate	6.93	43	166293	19.135	ug/l	98
38) Carbon Tetrachloride	7.78	117	237228	19.264	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	314105	20.322	ug/l	99
40) Benzene	8.04	78	793649	19.474	ug/l	99
41) Methacrylonitrile	7.18	41	88097	16.329	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	234168	19.371	ug/l	99
43) Isopropyl Acetate	8.16	43	312431	18.275	ug/l	98
44) Trichloroethene	8.84	130	213770	19.103	ug/l	100
45) 1,2-Dichloropropane	9.12	63	210467	19.690	ug/l	100
46) Dibromomethane	9.21	93	122032	19.581	ug/l	99
47) Bromodichloromethane	9.40	83	250869	19.316	ug/l	98
48) Methyl methacrylate	9.20	41	149315	19.224	ug/l	99
49) 1,4-Dioxane	9.20	88	22878	276.467	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	843733	98.140	ug/l	99
52) Toluene	10.16	92	493167	19.725	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	264071	19.875	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	305525	19.900	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	178829	19.452	ug/l	98
56) Ethyl methacrylate	10.43	69	236387	19.786	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305922	19.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	635889	98.454	ug/l	100
59) 2-Hexanone	10.75	43	578175	98.153	ug/l	100
60) Dibromochloromethane	10.90	129	193499	19.514	ug/l	99
61) 1,2-Dibromoethane	11.01	107	178949	19.725	ug/l	99
64) Tetrachloroethene	10.63	164	237624	19.789	ug/l	98
65) Chlorobenzene	11.43	112	545818	19.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	192802	19.875	ug/l	98
67) Ethyl Benzene	11.51	91	934895	19.851	ug/l	99
68) m/p-Xylenes	11.62	106	708851	40.028	ug/l	99
69) o-Xylene	11.95	106	343703	19.825	ug/l	99
70) Styrene	11.96	104	573167	20.313	ug/l	99
71) Bromoform	12.13	173	133224	19.443	ug/l #	99
73) Isopropylbenzene	12.25	105	924466	21.502	ug/l	100
74) N-amyl acetate	12.07	43	264646	20.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	204541	20.681	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	180931m	21.481	ug/l	
77) Bromobenzene	12.53	156	237453	20.693	ug/l	99
78) n-propylbenzene	12.59	91	1039644	21.377	ug/l	98
79) 2-Chlorotoluene	12.67	91	618291	21.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	737252	21.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59746	20.870	ug/l	95
82) 4-Chlorotoluene	12.77	91	623122	20.651	ug/l	100
83) tert-Butylbenzene	12.99	119	657222	21.630	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	746443	21.157	ug/l	100
85) sec-Butylbenzene	13.17	105	893609	22.300	ug/l	100
86) p-Isopropyltoluene	13.29	119	763356	22.002	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	409703	20.275	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	399770	19.943	ug/l	99
89) n-Butylbenzene	13.62	91	628332	21.601	ug/l	99
90) Hexachloroethane	13.88	117	110422	19.857	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	371640	19.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24899	20.756	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	145371	24.426	ug/l	99
94) Hexachlorobutadiene	15.01	225	115153	23.655	ug/l	100
95) Naphthalene	15.13	128	259507	25.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	105313	27.027	ug/l	99

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

