

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021919\
 Data File : VN053860.D
 Acq On : 19 Feb 2019 11:07
 Operator : JC/SP
 Sample : VN0219WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 10:14:58 AM

Quant Time: Feb 20 03:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	908306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	373994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	319869	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
35) Dibromofluoromethane	7.59	113	303402	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.09	98	1073202	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	377317	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109521	16.950	ug/l	100
3) Chloromethane	2.06	50	119441	17.321	ug/l	100
4) Vinyl Chloride	2.19	62	134802	20.138	ug/l	98
5) Bromomethane	2.57	94	94255	21.535	ug/l	97
6) Chloroethane	2.71	64	83978	21.954	ug/l	100
7) Trichlorofluoromethane	3.02	101	187882	20.698	ug/l	100
8) Diethyl Ether	3.41	74	68333	20.613	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111751	19.906	ug/l	98
10) Methyl Iodide	3.96	142	155829	17.685	ug/l	100
11) Tert butyl alcohol	4.79	59	42012	121.827	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	101957	18.956	ug/l	99
13) Acrolein	3.61	56	10441	55.610	ug/l	95
14) Allyl chloride	4.32	41	163283	19.066	ug/l	98
15) Acrylonitrile	4.99	53	201399	108.182	ug/l	99
16) Acetone	3.81	43	161523	108.070	ug/l	98
17) Carbon Disulfide	4.06	76	262150	15.653	ug/l	100
18) Methyl Acetate	4.32	43	108612	24.538	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	290030	21.271	ug/l	97
20) Methylene Chloride	4.55	84	121146	19.320	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	109898	18.939	ug/l	96
22) Diisopropyl ether	5.95	45	323925	20.413	ug/l	96
23) Vinyl Acetate	5.90	43	1104479	100.613	ug/l	98
24) 1,1-Dichloroethane	5.85	63	220276	20.812	ug/l	99
25) 2-Butanone	6.84	43	223839	105.008	ug/l	98
26) 2,2-Dichloropropane	6.82	77	161321	19.967	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	130787	20.269	ug/l	96
28) Bromochloromethane	7.19	49	86604	18.855	ug/l	93
29) Tetrahydrofuran	7.21	42	145773	106.498	ug/l	97
30) Chloroform	7.37	83	216546	20.639	ug/l	99
31) Cyclohexane	7.65	56	177532	17.907	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	182607	20.914	ug/l	99
36) 1,1-Dichloropropene	7.79	75	156887	19.161	ug/l	98
37) Ethyl Acetate	6.93	43	93595	20.467	ug/l #	92
38) Carbon Tetrachloride	7.78	117	164884	19.990	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	166527	17.143	ug/l	98
40) Benzene	8.04	78	494014	19.566	ug/l	99
41) Methacrylonitrile	7.17	41	53413	20.899	ug/l	93
42) 1,2-Dichloroethane	8.12	62	149682	19.966	ug/l	99
43) Isopropyl Acetate	8.17	43	183274	20.753	ug/l #	85
44) Trichloroethene	8.83	130	134904	18.767	ug/l	98
45) 1,2-Dichloropropane	9.12	63	128473	19.893	ug/l	100
46) Dibromomethane	9.21	93	77022	19.785	ug/l	97
47) Bromodichloromethane	9.40	83	161192	19.914	ug/l	97
48) Methyl methacrylate	9.20	41	78355	18.587	ug/l	94
49) 1,4-Dioxane	9.20	88	26487	455.765	ug/l #	90
51) 4-Methyl-2-Pentanone	9.99	43	449614	103.604	ug/l	99
52) Toluene	10.16	92	291076	19.424	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	156388	19.295	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	185566	19.320	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	111364	20.624	ug/l	99
56) Ethyl methacrylate	10.43	69	126736	19.840	ug/l	99
57) 1,3-Dichloropropane	10.71	76	185772	20.130	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	280269	76.488	ug/l	98
59) 2-Hexanone	10.75	43	289908	98.404	ug/l	99
60) Dibromochloromethane	10.90	129	128531	21.108	ug/l	97
61) 1,2-Dibromoethane	11.00	107	105609	19.760	ug/l	100
64) Tetrachloroethene	10.63	164	132336	19.422	ug/l	98
65) Chlorobenzene	11.44	112	342105	20.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	130107	22.065	ug/l	99
67) Ethyl Benzene	11.51	91	556191	20.054	ug/l	99
68) m/p-Xylenes	11.62	106	424797	40.130	ug/l	100
69) o-Xylene	11.95	106	208106	20.349	ug/l	100
70) Styrene	11.96	104	338103	20.398	ug/l	99
71) Bromoform	12.13	173	92128	22.790	ug/l #	100
73) Isopropylbenzene	12.25	105	566812	21.559	ug/l	100
74) N-amyl acetate	12.07	43	127115	20.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	136477	21.690	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	137397m	28.602	ug/l	
77) Bromobenzene	12.53	156	147923	20.876	ug/l	99
78) n-propylbenzene	12.59	91	631186	20.767	ug/l	100
79) 2-Chlorotoluene	12.68	91	376796	20.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	470717	21.591	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34814	20.379	ug/l	96
82) 4-Chlorotoluene	12.77	91	376858	20.368	ug/l	99
83) tert-Butylbenzene	12.99	119	422619	21.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	469410	21.133	ug/l	99
85) sec-Butylbenzene	13.17	105	559134	21.324	ug/l	99
86) p-Isopropyltoluene	13.29	119	478955	20.885	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	250222	19.644	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	247055	19.608	ug/l	99
89) n-Butylbenzene	13.62	91	389509	19.623	ug/l	99
90) Hexachloroethane	13.88	117	83486	22.070	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	249300	20.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19125	21.327	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	128229	18.335	ug/l	99
94) Hexachlorobutadiene	15.01	225	97753	22.444	ug/l	100
95) Naphthalene	15.13	128	248478	16.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	128326	19.775	ug/l	99

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

