

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030619\
 Data File : VN054123.D
 Acq On : 6 Mar 2019 18:13
 Operator : JC/SP
 Sample : VN0306WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 11:39:32 AM

Quant Time: Mar 07 07:06:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:25:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	653894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1041093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	391274	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	348840	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.09	98	1289924	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	418802	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	117044	18.624	ug/l	96
3) Chloromethane	2.06	50	168180	20.498	ug/l	99
4) Vinyl Chloride	2.18	62	164796	19.355	ug/l	100
5) Bromomethane	2.57	94	100347	21.665	ug/l	96
6) Chloroethane	2.71	64	98438	19.074	ug/l	100
7) Trichlorofluoromethane	3.02	101	203819	19.593	ug/l	96
8) Diethyl Ether	3.41	74	79979	19.295	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	123745	18.285	ug/l	98
10) Methyl Iodide	3.95	142	147764	20.764	ug/l	100
11) Tert butyl alcohol	4.78	59	49386	103.370	ug/l	99
12) 1,1-Dichloroethene	3.74	96	120706	19.120	ug/l	99
13) Acrolein	3.61	56	39874	103.598	ug/l	99
14) Allyl chloride	4.32	41	225013	19.781	ug/l	99
15) Acrylonitrile	4.99	53	261560	96.993	ug/l	98
16) Acetone	3.82	43	216968	89.705	ug/l	99
17) Carbon Disulfide	4.05	76	361050	19.180	ug/l	99
18) Methyl Acetate	4.32	43	116355	20.625	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	352838	19.914	ug/l	97
20) Methylene Chloride	4.55	84	144108	19.990	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	131503	18.974	ug/l	98
22) Diisopropyl ether	5.95	45	440086	19.856	ug/l	96
23) Vinyl Acetate	5.89	43	1561701	99.194	ug/l	100
24) 1,1-Dichloroethane	5.85	63	261147	19.693	ug/l	99
25) 2-Butanone	6.83	43	307827	95.656	ug/l	99
26) 2,2-Dichloropropane	6.82	77	185250	19.382	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	151628	19.620	ug/l	100
28) Bromochloromethane	7.19	49	140429	21.217	ug/l	98
29) Tetrahydrofuran	7.21	42	208239	98.725	ug/l	99
30) Chloroform	7.37	83	249322	19.622	ug/l	98
31) Cyclohexane	7.65	56	238325	19.516	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	204369	19.400	ug/l	99
36) 1,1-Dichloropropene	7.79	75	184844	18.916	ug/l	100
37) Ethyl Acetate	6.93	43	136187	19.368	ug/l	99
38) Carbon Tetrachloride	7.77	117	182387	19.551	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	211895	18.789	ug/l	99
40) Benzene	8.04	78	580141	20.067	ug/l	100
41) Methacrylonitrile	7.17	41	71326	19.463	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	181469	19.815	ug/l	99
43) Isopropyl Acetate	8.16	43	228405	20.526	ug/l #	86
44) Trichloroethene	8.84	130	151887	19.593	ug/l	99
45) 1,2-Dichloropropane	9.12	63	160867	20.173	ug/l	99
46) Dibromomethane	9.21	93	91102	20.013	ug/l	99
47) Bromodichloromethane	9.40	83	188425	19.774	ug/l	97
48) Methyl methacrylate	9.20	41	105326	19.588	ug/l	99
49) 1,4-Dioxane	9.20	88	29635	383.387	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	633867	101.606	ug/l	98
52) Toluene	10.16	92	341619	19.945	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	185873	19.776	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	216757	19.513	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	130101	20.171	ug/l	99
56) Ethyl methacrylate	10.43	69	155301	20.511	ug/l	98
57) 1,3-Dichloropropane	10.71	76	220046	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	333477	96.224	ug/l	99
59) 2-Hexanone	10.75	43	393285	95.560	ug/l	99
60) Dibromochloromethane	10.90	129	136920	19.854	ug/l	99
61) 1,2-Dibromoethane	11.00	107	121560	19.807	ug/l	98
64) Tetrachloroethene	10.63	164	144309	19.542	ug/l	98
65) Chlorobenzene	11.43	112	361481	19.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	135555	20.223	ug/l	98
67) Ethyl Benzene	11.51	91	614586	19.614	ug/l	99
68) m/p-Xylenes	11.62	106	470847	39.818	ug/l	100
69) o-Xylene	11.95	106	229878	20.202	ug/l	100
70) Styrene	11.96	104	364448	20.177	ug/l	100
71) Bromoform	12.13	173	90378	19.591	ug/l #	99
73) Isopropylbenzene	12.25	105	606682	19.588	ug/l	100
74) N-amyl acetate	12.07	43	164092	20.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	151017	20.751	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	127180m	19.172	ug/l	
77) Bromobenzene	12.53	156	150083	20.495	ug/l	99
78) n-propylbenzene	12.59	91	690457	19.811	ug/l	99
79) 2-Chlorotoluene	12.68	91	420551	19.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	504766	20.048	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37256	19.287	ug/l	98
82) 4-Chlorotoluene	12.77	91	409777	19.420	ug/l	100
83) tert-Butylbenzene	12.99	119	446843	20.040	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	504151	20.175	ug/l	99
85) sec-Butylbenzene	13.17	105	604339	19.973	ug/l	99
86) p-Isopropyltoluene	13.29	119	504912	19.849	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	256809	18.947	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	250585	18.628	ug/l	99
89) n-Butylbenzene	13.62	91	415580	19.350	ug/l	99
90) Hexachloroethane	13.87	117	90759	18.602	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	257285	20.424	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23214	20.542	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	117435	18.232	ug/l	99
94) Hexachlorobutadiene	15.01	225	89597	20.777	ug/l	98
95) Naphthalene	15.13	128	232343	19.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	118251	19.828	ug/l	99

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

