

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053817.D
 Acq On : 15 Feb 2019 23:46
 Operator : JC/SP
 Sample : VN0215WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0215WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 9:48:40 AM

Quant Time: Feb 16 00:27:23 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	551534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	896377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	316149	57.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.28%	
35) Dibromofluoromethane	7.59	113	305493	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	10.09	98	1081686	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	356811	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	110363	17.967	ug/l	96
3) Chloromethane	2.06	50	130941	19.998	ug/l	100
4) Vinyl Chloride	2.19	62	140644	22.127	ug/l	99
5) Bromomethane	2.58	94	96923	23.321	ug/l	97
6) Chloroethane	2.71	64	84609	23.294	ug/l	97
7) Trichlorofluoromethane	3.02	101	187010	21.696	ug/l	99
8) Diethyl Ether	3.41	74	68996	21.918	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	106761	20.027	ug/l	99
10) Methyl Iodide	3.96	142	154188	18.428	ug/l	99
11) Tert butyl alcohol	4.78	59	35838	109.445	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	101130	19.801	ug/l	96
13) Acrolein	3.61	56	20527	115.136	ug/l	97
14) Allyl chloride	4.33	41	160141	19.693	ug/l	98
15) Acrylonitrile	4.99	53	198762	112.437	ug/l	99
16) Acetone	3.82	43	127738	90.006	ug/l	99
17) Carbon Disulfide	4.06	76	267866	16.844	ug/l	99
18) Methyl Acetate	4.32	43	102512	24.390	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	286717	22.145	ug/l	99
20) Methylene Chloride	4.56	84	122253	20.532	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	110137	19.988	ug/l	94
22) Diisopropyl ether	5.95	45	339903	22.558	ug/l	97
23) Vinyl Acetate	5.90	43	1086238	104.208	ug/l	98
24) 1,1-Dichloroethane	5.85	63	213705	21.264	ug/l	100
25) 2-Butanone	6.84	43	215244	106.340	ug/l	98
26) 2,2-Dichloropropane	6.83	77	137366	17.905	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	135398	22.098	ug/l	96
28) Bromochloromethane	7.20	49	92293	21.162	ug/l	95
29) Tetrahydrofuran	7.21	42	139851	107.599	ug/l	97
30) Chloroform	7.37	83	213360	21.416	ug/l	100
31) Cyclohexane	7.66	56	172768	18.357	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	176563	21.296	ug/l	98
36) 1,1-Dichloropropene	7.79	75	145088	17.956	ug/l	98
37) Ethyl Acetate	6.93	43	93215	20.655	ug/l	98
38) Carbon Tetrachloride	7.78	117	155114	19.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	160670	16.760	ug/l	97
40) Benzene	8.04	78	472511	18.963	ug/l	99
41) Methacrylonitrile	7.18	41	50654m	20.083	ug/l	
42) 1,2-Dichloroethane	8.13	62	144328	19.508	ug/l	100
43) Isopropyl Acetate	8.17	43	164509	18.876	ug/l #	88
44) Trichloroethene	8.84	130	128737	18.148	ug/l	99
45) 1,2-Dichloropropane	9.12	63	128254	20.124	ug/l	99
46) Dibromomethane	9.21	93	76104	19.809	ug/l	97
47) Bromodichloromethane	9.40	83	160628	20.109	ug/l	99
48) Methyl methacrylate	9.20	41	82645	19.866	ug/l	99
49) 1,4-Dioxane	9.20	88	23758	417.809	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	442722	103.374	ug/l	99
52) Toluene	10.16	92	287165	19.418	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	149996	18.752	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	177286	18.704	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	114654	21.516	ug/l	98
56) Ethyl methacrylate	10.43	69	129494	20.541	ug/l	98
57) 1,3-Dichloropropane	10.71	76	189363	20.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	270561	74.996	ug/l	98
59) 2-Hexanone	10.75	43	285062	98.046	ug/l	100
60) Dibromochloromethane	10.90	129	126323	21.021	ug/l	99
61) 1,2-Dibromoethane	11.01	107	108402	20.553	ug/l	98
64) Tetrachloroethene	10.63	164	133824	18.908	ug/l	99
65) Chlorobenzene	11.44	112	340242	19.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	126013	20.574	ug/l	99
67) Ethyl Benzene	11.51	91	546337	18.964	ug/l	100
68) m/p-Xylenes	11.62	106	425840	38.728	ug/l	99
69) o-Xylene	11.95	106	199175	18.750	ug/l	99
70) Styrene	11.96	104	315390	18.318	ug/l	99
71) Bromoform	12.13	173	83956	19.994	ug/l #	97
73) Isopropylbenzene	12.25	105	518187	20.740	ug/l	100
74) N-amyl acetate	12.07	43	118977	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	127356	21.298	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	96222m	21.078	ug/l	
77) Bromobenzene	12.53	156	140147	20.813	ug/l	97
78) n-propylbenzene	12.59	91	583371	20.198	ug/l	100
79) 2-Chlorotoluene	12.68	91	351233	20.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	438301	21.155	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27923	17.200	ug/l	93
82) 4-Chlorotoluene	12.77	91	345792	19.665	ug/l	100
83) tert-Butylbenzene	12.99	119	394519	21.545	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	442094	20.944	ug/l	99
85) sec-Butylbenzene	13.17	105	529009	21.229	ug/l	100
86) p-Isopropyltoluene	13.29	119	451228	20.705	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	238590	19.710	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	230046	19.212	ug/l	99
89) n-Butylbenzene	13.62	91	355008	18.820	ug/l	100
90) Hexachloroethane	13.87	117	78864	21.938	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	236980	20.450	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17914	21.021	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	114088	17.165	ug/l	100
94) Hexachlorobutadiene	15.01	225	88452	21.370	ug/l	98
95) Naphthalene	15.13	128	218152	15.224	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	113036	18.329	ug/l	100

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

