

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103019\
 Data File : VN059019.D
 Acq On : 30 Oct 2019 10:54
 Operator : JC/SP
 Sample : VN1030WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 3:37:20 PM

Quant Time: Oct 31 04:49:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	386450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	604737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	260763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	279226	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.57	113	211835	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.08	98	777659	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	284819	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88935	18.458	ug/l	99
3) Chloromethane	2.04	50	114623	19.208	ug/l	100
4) Vinyl Chloride	2.17	62	116617	19.682	ug/l	97
5) Bromomethane	2.54	94	67105	18.086	ug/l	94
6) Chloroethane	2.68	64	71002	18.686	ug/l	95
7) Trichlorofluoromethane	3.00	101	147889	20.172	ug/l	97
8) Diethyl Ether	3.39	74	55326	21.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	84777	20.859	ug/l	98
10) Methyl Iodide	3.93	142	97547	18.249	ug/l	98
11) Tert butyl alcohol	4.75	59	105027	111.664	ug/l	99
12) 1,1-Dichloroethene	3.72	96	81134	21.297	ug/l	92
13) Acrolein	3.59	56	39122	60.535	ug/l	99
14) Allyl chloride	4.30	41	165719	21.497	ug/l	96
15) Acrylonitrile	4.96	53	274419	115.989	ug/l	99
16) Acetone	3.79	43	312277	111.498	ug/l	98
17) Carbon Disulfide	4.03	76	218434	17.799	ug/l	100
18) Methyl Acetate	4.30	43	152910	24.014	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	294634	22.087	ug/l	99
20) Methylene Chloride	4.53	84	97904	20.472	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	87069	20.695	ug/l	96
22) Diisopropyl ether	5.92	45	340943	22.611	ug/l	100
23) Vinyl Acetate	5.87	43	1398976	115.479	ug/l	99
24) 1,1-Dichloroethane	5.82	63	189139	21.633	ug/l	99
25) 2-Butanone	6.81	43	409149	112.538	ug/l	99
26) 2,2-Dichloropropane	6.80	77	163061	21.561	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	102408	21.308	ug/l	99
28) Bromochloromethane	7.17	49	62225	21.370	ug/l	99
29) Tetrahydrofuran	7.19	42	253493	113.978	ug/l	99
30) Chloroform	7.35	83	178385	20.340	ug/l	98
31) Cyclohexane	7.63	56	162101	19.901	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	153804	20.806	ug/l	98
36) 1,1-Dichloropropene	7.77	75	131494	21.239	ug/l	99
37) Ethyl Acetate	6.90	43	155110	22.993	ug/l	100
38) Carbon Tetrachloride	7.76	117	135073	21.177	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	143817	20.688	ug/l	99
40) Benzene	8.02	78	395408	21.749	ug/l	97
41) Methacrylonitrile	7.16	41	69196m	23.030	ug/l	
42) 1,2-Dichloroethane	8.11	62	148151	21.154	ug/l	99
43) Isopropyl Acetate	8.15	43	243596	22.515	ug/l	99
44) Trichloroethene	8.82	130	96932	21.887	ug/l	95
45) 1,2-Dichloropropane	9.11	63	110238	22.112	ug/l	97
46) Dibromomethane	9.19	93	67999	21.576	ug/l	97
47) Bromodichloromethane	9.39	83	142102	21.876	ug/l	100
48) Methyl methacrylate	9.19	41	111585	22.732	ug/l	96
49) 1,4-Dioxane	9.19	88	36227	449.577	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	784177	124.089	ug/l	100
52) Toluene	10.15	92	237685	22.046	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	155911	21.682	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	168873	21.981	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	97952	22.054	ug/l	97
56) Ethyl methacrylate	10.42	69	145409	20.770	ug/l	98
57) 1,3-Dichloropropane	10.70	76	170070	21.817	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	302727	99.578	ug/l	100
59) 2-Hexanone	10.75	43	584407	119.676	ug/l	99
60) Dibromochloromethane	10.90	129	103911	21.736	ug/l	99
61) 1,2-Dibromoethane	11.00	107	101240	22.274	ug/l	98
64) Tetrachloroethene	10.63	164	83485	21.377	ug/l	99
65) Chlorobenzene	11.43	112	250165	22.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	97472	22.752	ug/l	99
67) Ethyl Benzene	11.51	91	452528	22.722	ug/l	99
68) m/p-Xylenes	11.62	106	335108	45.372	ug/l	99
69) o-Xylene	11.95	106	159837	22.691	ug/l	98
70) Styrene	11.97	104	259610	20.996	ug/l	99
71) Bromoform	12.13	173	74543	22.438	ug/l #	99
73) Isopropylbenzene	12.25	105	435165	22.835	ug/l	99
74) N-amyl acetate	12.07	43	193914	22.445	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	154827	23.106	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	147486m	24.404	ug/l	
77) Bromobenzene	12.53	156	105058	22.366	ug/l	100
78) n-propylbenzene	12.59	91	514438	22.837	ug/l	100
79) 2-Chlorotoluene	12.68	91	308872	22.403	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	368089	22.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	51951	22.394	ug/l	99
82) 4-Chlorotoluene	12.78	91	311098	22.081	ug/l	99
83) tert-Butylbenzene	13.00	119	313335	22.885	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	366871	23.231	ug/l	98
85) sec-Butylbenzene	13.17	105	420039	23.010	ug/l	99
86) p-Isopropyltoluene	13.29	119	367820	22.836	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	181876	21.655	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	180458	21.460	ug/l	99
89) n-Butylbenzene	13.62	91	318667	21.537	ug/l	99
90) Hexachloroethane	13.88	117	72251	22.137	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	184860	22.393	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31575	20.834	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	96638	20.179	ug/l	99
94) Hexachlorobutadiene	15.01	225	60035	22.438	ug/l	97
95) Naphthalene	15.13	128	259163	18.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	97614	20.765	ug/l	98

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

