

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058873.D
 Acq On : 21 Oct 2019 9:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 4:55:11 PM

Quant Time: Oct 22 03:25:44 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	7.64	168	447960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	717500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	687448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	326136	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.57	113	234404	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.08	98	932465	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	355557	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	270890	48.502	ug/l	100
3) Chloromethane	2.04	50	327638	47.365	ug/l	100
4) Vinyl Chloride	2.17	62	333142	48.505	ug/l	98
5) Bromomethane	2.54	94	197016	45.808	ug/l	97
6) Chloroethane	2.68	64	205577	46.675	ug/l	100
7) Trichlorofluoromethane	3.00	101	411288	48.397	ug/l	99
8) Diethyl Ether	3.39	74	146188	49.779	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	218270	46.330	ug/l	100
10) Methyl Iodide	3.93	142	294669	47.556	ug/l	99
11) Tert butyl alcohol	4.75	59	242479	222.403	ug/l	99
12) 1,1-Dichloroethene	3.71	96	212970	48.227	ug/l	96
13) Acrolein	3.58	56	185539	247.673	ug/l	98
14) Allyl chloride	4.29	41	447315	50.058	ug/l	99
15) Acrylonitrile	4.95	53	668732	243.843	ug/l	99
16) Acetone	3.79	43	963815	296.876	ug/l	100
17) Carbon Disulfide	4.02	76	664832	46.736	ug/l	99
18) Methyl Acetate	4.29	43	336445	45.583	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	788642	51.002	ug/l	100
20) Methylene Chloride	4.52	84	256111	46.200	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	240597	49.334	ug/l	96
22) Diisopropyl ether	5.92	45	900312	51.509	ug/l	97
23) Vinyl Acetate	5.86	43	3796995	270.388	ug/l	99
24) 1,1-Dichloroethane	5.82	63	489206	48.270	ug/l	99
25) 2-Butanone	6.81	43	1082912	256.960	ug/l	100
26) 2,2-Dichloropropane	6.80	77	432512	49.338	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	274928	49.349	ug/l	99
28) Bromochloromethane	7.17	49	162964	48.281	ug/l	99
29) Tetrahydrofuran	7.18	42	618801	240.027	ug/l	100
30) Chloroform	7.35	83	474884	46.712	ug/l	99
31) Cyclohexane	7.63	56	445004	47.132	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	414191	48.336	ug/l	100
36) 1,1-Dichloropropene	7.77	75	364936	49.680	ug/l	100
37) Ethyl Acetate	6.90	43	393814	49.202	ug/l	100
38) Carbon Tetrachloride	7.75	117	361023	47.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	421567	51.111	ug/l	99
40) Benzene	8.02	78	1069010	49.559	ug/l	98
41) Methacrylonitrile	7.15	41	165774m	46.503	ug/l	
42) 1,2-Dichloroethane	8.10	62	403289	48.535	ug/l	100
43) Isopropyl Acetate	8.14	43	637011	49.624	ug/l	100
44) Trichloroethene	8.82	130	259108	49.311	ug/l	99
45) 1,2-Dichloropropane	9.10	63	296942	50.202	ug/l	100
46) Dibromomethane	9.19	93	181465	48.529	ug/l	99
47) Bromodichloromethane	9.39	83	381076	49.446	ug/l	100
48) Methyl methacrylate	9.18	41	296604	50.928	ug/l	100
49) 1,4-Dioxane	9.19	88	95950	1003.601	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1970942	262.869	ug/l	99
52) Toluene	10.15	92	662160	51.765	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	441644	51.765	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	468316	51.378	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	255796	48.542	ug/l	98
56) Ethyl methacrylate	10.42	69	417104	47.242	ug/l	100
57) 1,3-Dichloropropane	10.70	76	461558	49.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	914242	244.714	ug/l	99
59) 2-Hexanone	10.75	43	1593227	274.988	ug/l	100
60) Dibromochloromethane	10.90	129	286643	50.537	ug/l	99
61) 1,2-Dibromoethane	11.00	107	272630	50.555	ug/l	99
64) Tetrachloroethene	10.63	164	232026	48.194	ug/l	98
65) Chlorobenzene	11.43	112	702811	50.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	260429	49.311	ug/l	100
67) Ethyl Benzene	11.51	91	1320536	53.787	ug/l	98
68) m/p-Xylenes	11.62	106	969164	106.445	ug/l	100
69) o-Xylene	11.95	106	465305	53.585	ug/l	99
70) Styrene	11.96	104	784132	48.958	ug/l	100
71) Bromoform	12.13	173	200905	49.057	ug/l #	99
73) Isopropylbenzene	12.25	105	1281219	51.836	ug/l	99
74) N-amyl acetate	12.07	43	587448	52.425	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	401867	46.239	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	344391m	43.936	ug/l	
77) Bromobenzene	12.53	156	298930	49.067	ug/l	98
78) n-propylbenzene	12.59	91	1538449	52.657	ug/l	100
79) 2-Chlorotoluene	12.68	91	887934	49.656	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1093368	52.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	149860	49.806	ug/l	99
82) 4-Chlorotoluene	12.78	91	931782	50.990	ug/l	100
83) tert-Butylbenzene	13.00	119	901166	50.746	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1095446	53.480	ug/l	99
85) sec-Butylbenzene	13.17	105	1245957	52.625	ug/l	99
86) p-Isopropyltoluene	13.29	119	1131168	54.147	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	544124	49.949	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	535324	49.083	ug/l	99
89) n-Butylbenzene	13.62	91	1054469	54.947	ug/l	99
90) Hexachloroethane	13.88	117	203465	48.064	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	532838	49.766	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	84142	42.804	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	315603	46.984	ug/l	99
94) Hexachlorobutadiene	15.01	225	167348	48.223	ug/l	99
95) Naphthalene	15.13	128	886072	45.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	300030	45.928	ug/l	99

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

