

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058742.D
 Acq On : 12 Oct 2019 7:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:49:03 AM

Quant Time: Oct 12 07:27:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	398595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	657750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306735	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	288013	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.57	113	207823	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.09	98	822143	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	310850	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	263798	53.139	ug/l	99
3) Chloromethane	2.04	50	297039	50.319	ug/l	99
4) Vinyl Chloride	2.17	62	300908	51.180	ug/l	99
5) Bromomethane	2.54	94	175307	49.015	ug/l	99
6) Chloroethane	2.68	64	188032	51.850	ug/l	100
7) Trichlorofluoromethane	3.00	101	366571	52.097	ug/l	99
8) Diethyl Ether	3.39	74	128997	49.618	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	200457	49.964	ug/l	99
10) Methyl Iodide	3.93	142	279984	51.139	ug/l	99
11) Tert butyl alcohol	4.76	59	209965	232.331	ug/l	100
12) 1,1-Dichloroethene	3.72	96	199585	52.139	ug/l	91
13) Acrolein	3.58	56	148017	203.647	ug/l	100
14) Allyl chloride	4.30	41	376847	48.783	ug/l	100
15) Acrylonitrile	4.96	53	596126	261.565	ug/l	99
16) Acetone	3.79	43	521545	225.758	ug/l	99
17) Carbon Disulfide	4.03	76	608890	49.761	ug/l	100
18) Methyl Acetate	4.30	43	315466	53.834	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	723108	52.902	ug/l	99
20) Methylene Chloride	4.53	84	236744	49.034	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	217831	50.873	ug/l	98
22) Diisopropyl ether	5.93	45	790811	52.651	ug/l	99
23) Vinyl Acetate	5.87	43	3143743	259.391	ug/l	100
24) 1,1-Dichloroethane	5.82	63	444131	51.918	ug/l	99
25) 2-Butanone	6.81	43	821513	246.025	ug/l	99
26) 2,2-Dichloropropane	6.80	77	272840	34.940	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	251187	50.307	ug/l	95
28) Bromochloromethane	7.18	49	155037	52.096	ug/l	98
29) Tetrahydrofuran	7.19	42	556948	258.101	ug/l	99
30) Chloroform	7.36	83	438035	50.966	ug/l	99
31) Cyclohexane	7.63	56	405986	49.601	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	386029	52.666	ug/l	100
36) 1,1-Dichloropropene	7.78	75	334463	50.293	ug/l	99
37) Ethyl Acetate	6.91	43	352341	52.387	ug/l	98
38) Carbon Tetrachloride	7.76	117	338646	52.249	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	377327	48.896	ug/l	97
40) Benzene	8.02	78	979085	51.262	ug/l	99
41) Methacrylonitrile	7.16	41	159212m	50.570	ug/l	
42) 1,2-Dichloroethane	8.11	62	373649	50.921	ug/l	100
43) Isopropyl Acetate	8.15	43	578095	50.456	ug/l	99
44) Trichloroethene	8.82	130	240112	50.624	ug/l	99
45) 1,2-Dichloropropane	9.11	63	264979	51.824	ug/l	98
46) Dibromomethane	9.20	93	169997	52.441	ug/l	100
47) Bromodichloromethane	9.39	83	346693	52.520	ug/l	99
48) Methyl methacrylate	9.19	41	277400	53.412	ug/l	99
49) 1,4-Dioxane	9.19	88	80913	1007.040	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1776494	276.081	ug/l	99
52) Toluene	10.15	92	598714	51.252	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	375090	49.542	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	399327	49.676	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	237263	49.624	ug/l	99
56) Ethyl methacrylate	10.43	69	382422	54.749	ug/l	99
57) 1,3-Dichloropropane	10.71	76	418800	51.402	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	921327	273.696	ug/l	100
59) 2-Hexanone	10.75	43	1313382	264.116	ug/l	100
60) Dibromochloromethane	10.90	129	264539	53.635	ug/l	100
61) 1,2-Dibromoethane	11.00	107	246947	51.554	ug/l	100
64) Tetrachloroethene	10.63	164	240461	55.819	ug/l	97
65) Chlorobenzene	11.43	112	634702	50.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	242008	52.355	ug/l	99
67) Ethyl Benzene	11.51	91	1179130	52.915	ug/l	100
68) m/p-Xylenes	11.62	106	874243	104.544	ug/l	99
69) o-Xylene	11.95	106	421309	52.072	ug/l	98
70) Styrene	11.97	104	702103	52.945	ug/l	99
71) Bromoform	12.13	173	184828	54.550	ug/l	99
73) Isopropylbenzene	12.25	105	1151733	51.846	ug/l	99
74) N-amyl acetate	12.07	43	516026	51.720	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	357492	48.850	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	321696m	47.807	ug/l	
77) Bromobenzene	12.53	156	269271	49.835	ug/l	98
78) n-propylbenzene	12.59	91	1354452	52.324	ug/l	100
79) 2-Chlorotoluene	12.68	91	792537	49.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	985343	51.955	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	113108	45.026	ug/l	97
82) 4-Chlorotoluene	12.78	91	833596	50.561	ug/l	100
83) tert-Butylbenzene	13.00	119	835296	51.412	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	987919	52.472	ug/l	99
85) sec-Butylbenzene	13.17	105	1135960	53.062	ug/l	100
86) p-Isopropyltoluene	13.29	119	1016301	52.233	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	498217	49.998	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	491022	48.465	ug/l	99
89) n-Butylbenzene	13.62	91	917860	51.017	ug/l	99
90) Hexachloroethane	13.88	117	184061	52.868	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	490487	50.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	80764	47.240	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	296585	50.061	ug/l	100
94) Hexachlorobutadiene	15.01	225	151380	48.521	ug/l	99
95) Naphthalene	15.13	128	865360	50.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	289119	49.984	ug/l	99

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

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