

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064480.D
 Acq On : 6 Nov 2020 12:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 04:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	319542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	551468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	527711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	261406	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	181889	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	687023	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.38	95	261516	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	192939	46.384	ug/l	97
3) Chloromethane	2.04	50	229816	45.486	ug/l	100
4) Vinyl Chloride	2.16	62	244015	47.031	ug/l	96
5) Bromomethane	2.53	94	155386	46.880	ug/l	98
6) Chloroethane	2.67	64	153609	46.242	ug/l	99
7) Trichlorofluoromethane	2.98	101	351562	46.017	ug/l	98
8) Diethyl Ether	3.37	74	132119	48.970	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	169056	46.598	ug/l	98
10) Methyl Iodide	3.90	142	194959	46.247	ug/l	98
11) Tert butyl alcohol	4.75	59	167167	272.345	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	154586	45.235	ug/l	99
13) Acrolein	3.56	56	86328	226.740	ug/l	97
14) Allyl chloride	4.27	41	305492	45.697	ug/l	99
15) Acrylonitrile	4.93	53	456023	266.850	ug/l	98
16) Acetone	3.78	43	687405	324.222	ug/l	100
17) Carbon Disulfide	4.00	76	457555	44.772	ug/l	99
18) Methyl Acetate	4.28	43	211752	50.802	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	599307	48.726	ug/l	99
20) Methylene Chloride	4.50	84	194719	46.289	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	179178	46.177	ug/l	99
22) Diisopropyl ether	5.91	45	683166	48.141	ug/l	95
23) Vinyl Acetate	5.84	43	2926739	253.523	ug/l	99
24) 1,1-Dichloroethane	5.79	63	365786	46.908	ug/l	99
25) 2-Butanone	6.79	43	823054	304.678	ug/l	100
26) 2,2-Dichloropropane	6.78	77	323435	45.818	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	211451	47.029	ug/l	97
28) Bromochloromethane	7.14	49	179068	46.718	ug/l	98
29) Tetrahydrofuran	7.17	42	434122	261.935	ug/l	98
30) Chloroform	7.33	83	386040	47.096	ug/l	98
31) Cyclohexane	7.61	56	289931	42.851	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	338667	46.583	ug/l	98
36) 1,1-Dichloropropene	7.75	75	278229	47.758	ug/l	98
37) Ethyl Acetate	6.88	43	290983	49.224	ug/l	99
38) Carbon Tetrachloride	7.73	117	292354	46.954	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	251369	48.132	ug/l	97
40) Benzene	8.00	78	809892	47.309	ug/l	99
41) Methacrylonitrile	7.12	41	142082	55.009	ug/l	89
42) 1,2-Dichloroethane	8.08	62	337443	48.844	ug/l	99
43) Isopropyl Acetate	8.13	43	488319	51.721	ug/l	99
44) Trichloroethene	8.80	130	201689	46.696	ug/l	100
45) 1,2-Dichloropropane	9.08	63	219514	48.056	ug/l	98
46) Dibromomethane	9.17	93	150882	50.177	ug/l	98
47) Bromodichloromethane	9.37	83	319282	49.382	ug/l	99
48) Methyl methacrylate	9.17	41	245416	51.513	ug/l	99
49) 1,4-Dioxane	9.17	88	75729	1206.834	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1502193	272.833	ug/l	100
52) Toluene	10.12	92	514534	49.278	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	343471	50.108	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	362204	49.422	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	204501	50.220	ug/l	99
56) Ethyl methacrylate	10.40	69	303181	45.427	ug/l	99
57) 1,3-Dichloropropane	10.68	76	360646	50.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	860289	269.873	ug/l	99
59) 2-Hexanone	10.72	43	1222939	272.025	ug/l	100
60) Dibromochloromethane	10.87	129	236981	51.979	ug/l	97
61) 1,2-Dibromoethane	10.98	107	213417	51.670	ug/l	100
64) Tetrachloroethene	10.60	164	188085	46.270	ug/l	98
65) Chlorobenzene	11.41	112	541987	46.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	211875	49.093	ug/l	100
67) Ethyl Benzene	11.48	91	995389	48.373	ug/l	99
68) m/p-Xylenes	11.59	106	732484	98.153	ug/l	99
69) o-Xylene	11.92	106	347161	48.141	ug/l	98
70) Styrene	11.94	104	610103	50.278	ug/l	99
71) Bromoform	12.10	173	152606	47.166	ug/l #	98
73) Isopropylbenzene	12.22	105	913002	45.040	ug/l	99
74) N-amyl acetate	12.05	43	430855	43.974	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	289974	46.573	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	278982m	45.148	ug/l	
77) Bromobenzene	12.50	156	222444	44.947	ug/l	99
78) n-propylbenzene	12.57	91	1086363	47.008	ug/l	99
79) 2-Chlorotoluene	12.65	91	676321	46.141	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	775280	46.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	106405	48.079	ug/l	99
82) 4-Chlorotoluene	12.75	91	720259	46.922	ug/l	99
83) tert-Butylbenzene	12.97	119	600364	45.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	802330	47.726	ug/l	100
85) sec-Butylbenzene	13.14	105	789731	47.743	ug/l	99
86) p-Isopropyltoluene	13.26	119	722290	48.546	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	398409	46.570	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	395891	44.779	ug/l	99
89) n-Butylbenzene	13.59	91	624777	48.840	ug/l	99
90) Hexachloroethane	13.85	117	136018	47.391	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	394108	47.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63942	51.581	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.88	180	179520	44.194	ug/l	98
94) Hexachlorobutadiene	14.98	225	77785	46.426	ug/l	99
95) Naphthalene	15.10	128	608160	43.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	178509	45.360	ug/l	98

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

