

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064598.D
 Acq On : 12 Nov 2020 22:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:06 AM

Quant Time: Nov 13 04:07:39 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	7.63	168	297076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	529863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	240461	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	254628	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
35) Dibromofluoromethane	7.55	113	175522	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	10.06	98	677503	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	255539	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	175379	45.351	ug/l	97
3) Chloromethane	2.04	50	209723	44.648	ug/l	99
4) Vinyl Chloride	2.17	62	231973	48.091	ug/l	98
5) Bromomethane	2.52	94	156598	50.819	ug/l	96
6) Chloroethane	2.67	64	159376	51.607	ug/l	97
7) Trichlorofluoromethane	2.98	101	372294	52.415	ug/l	98
8) Diethyl Ether	3.37	74	133128	53.076	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	161922	48.007	ug/l	98
10) Methyl Iodide	3.91	142	205738	52.495	ug/l	99
11) Tert butyl alcohol	4.76	59	158969	278.574	ug/l	100
12) 1,1-Dichloroethene	3.69	96	153052	48.173	ug/l	98
13) Acrolein	3.57	56	97613	275.768	ug/l	98
14) Allyl chloride	4.27	41	286655	46.122	ug/l	99
15) Acrylonitrile	4.94	53	452646	284.905	ug/l	98
16) Acetone	3.78	43	421453	213.816	ug/l	99
17) Carbon Disulfide	4.00	76	446995	47.046	ug/l	99
18) Methyl Acetate	4.28	43	231560	59.755	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	573479	50.152	ug/l	97
20) Methylene Chloride	4.50	84	192076	49.114	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	175414	48.626	ug/l	97
22) Diisopropyl ether	5.91	45	659450	49.984	ug/l	99
23) Vinyl Acetate	5.85	43	2745925	255.848	ug/l	98
24) 1,1-Dichloroethane	5.80	63	359093	49.532	ug/l	100
25) 2-Butanone	6.79	43	659097	262.436	ug/l	98
26) 2,2-Dichloropropane	6.78	77	279307	42.559	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	202960	48.554	ug/l	97
28) Bromochloromethane	7.15	49	173441	48.672	ug/l	99
29) Tetrahydrofuran	7.17	42	423430	274.805	ug/l	97
30) Chloroform	7.33	83	389163	51.067	ug/l	99
31) Cyclohexane	7.61	56	278921	44.341	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	343707	50.852	ug/l	98
36) 1,1-Dichloropropene	7.75	75	272496	48.681	ug/l	98
37) Ethyl Acetate	6.89	43	284483	50.073	ug/l	100
38) Carbon Tetrachloride	7.73	117	300262	50.190	ug/l	99

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39) Methylcyclohexane	9.05	83	231820	46.199	ug/l	93
40) Benzene	8.00	78	800486	48.666	ug/l	98
41) Methacrylonitrile	7.13	41	136957	55.187	ug/l	91
42) 1,2-Dichloroethane	8.09	62	337717	50.876	ug/l	99
43) Isopropyl Acetate	8.13	43	473545	52.202	ug/l	99
44) Trichloroethene	8.80	130	203400	49.012	ug/l	97
45) 1,2-Dichloropropane	9.08	63	219488	50.010	ug/l	96
46) Dibromomethane	9.17	93	154525	53.484	ug/l	97
47) Bromodichloromethane	9.37	83	329844	53.095	ug/l	99
48) Methyl methacrylate	9.17	41	243843	53.270	ug/l	99
49) 1,4-Dioxane	9.17	88	69729	1156.526	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1520834	287.481	ug/l	100
52) Toluene	10.13	92	508891	50.725	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	332297	50.454	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	353569	50.211	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211275	53.999	ug/l	99
56) Ethyl methacrylate	10.40	69	302607	47.119	ug/l	98
57) 1,3-Dichloropropane	10.68	76	362257	53.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	788427	258.409	ug/l	97
59) 2-Hexanone	10.72	43	1111592	257.557	ug/l	100
60) Dibromochloromethane	10.87	129	240780	54.966	ug/l	99
61) 1,2-Dibromoethane	10.98	107	217437	54.790	ug/l	100
64) Tetrachloroethene	10.60	164	186388	48.081	ug/l	97
65) Chlorobenzene	11.41	112	542241	49.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	217869	52.935	ug/l	99
67) Ethyl Benzene	11.49	91	996683	50.789	ug/l	99
68) m/p-Xylenes	11.59	106	733180	103.021	ug/l	98
69) o-Xylene	11.92	106	347302	50.501	ug/l	99
70) Styrene	11.94	104	615252	53.166	ug/l	99
71) Bromoform	12.10	173	161634	52.243	ug/l #	98
73) Isopropylbenzene	12.22	105	918742	48.070	ug/l	100
74) N-amyl acetate	12.05	43	428761	46.346	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	306548	52.219	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	290229m	49.815	ug/l	
77) Bromobenzene	12.50	156	223002	47.791	ug/l	99
78) n-propylbenzene	12.57	91	1097954	50.388	ug/l	99
79) 2-Chlorotoluene	12.65	91	677901	49.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	791473	50.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	99960	47.905	ug/l	95
82) 4-Chlorotoluene	12.75	91	707265	48.867	ug/l	99
83) tert-Butylbenzene	12.97	119	614016	49.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	809078	51.044	ug/l	100
85) sec-Butylbenzene	13.15	105	807897	51.802	ug/l	99
86) p-Isopropyltoluene	13.26	119	731586	52.151	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	395205	48.995	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	398016	47.748	ug/l	99
89) n-Butylbenzene	13.59	91	606974	50.323	ug/l	99
90) Hexachloroethane	13.85	117	145970	53.941	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	400294	51.591	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66942	57.274	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	170672	44.540	ug/l	98
94) Hexachlorobutadiene	14.98	225	86842	54.973	ug/l	98
95) Naphthalene	15.10	128	568897	43.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176929	47.541	ug/l	99

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

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