

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062874.D
 Acq On : 12 Aug 2020 22:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:56:19 AM

Quant Time: Aug 13 06:53:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	132117	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.55	113	89932	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.06	98	347096	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.38	95	132685	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	95682	41.989	ug/l	100
3) Chloromethane	2.03	50	85727	39.866	ug/l	98
4) Vinyl Chloride	2.16	62	86092	42.686	ug/l	100
5) Bromomethane	2.50	94	63336	47.438	ug/l	99
6) Chloroethane	2.65	64	71132	53.609	ug/l	97
7) Trichlorofluoromethane	2.97	101	167655	46.617	ug/l	97
8) Diethyl Ether	3.37	74	45026	43.733	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65000	44.720	ug/l	98
10) Methyl Iodide	3.91	142	83721	48.029	ug/l	98
11) Tert butyl alcohol	4.74	59	93127	215.917	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58673	43.134	ug/l	95
13) Acrolein	3.57	56	48454	185.545	ug/l	100
14) Allyl chloride	4.27	41	102732	36.873	ug/l	98
15) Acrylonitrile	4.93	53	217733	217.651	ug/l	100
16) Acetone	3.78	43	188411	198.142	ug/l	99
17) Carbon Disulfide	4.01	76	158039	40.905	ug/l	98
18) Methyl Acetate	4.28	43	99414	44.069	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	281549	45.666	ug/l	99
20) Methylene Chloride	4.50	84	78408	44.981	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	65728	41.274	ug/l	93
22) Diisopropyl ether	5.90	45	256637	43.270	ug/l	96
23) Vinyl Acetate	5.84	43	891532	197.624	ug/l	97
24) 1,1-Dichloroethane	5.80	63	145049	41.732	ug/l	100
25) 2-Butanone	6.79	43	280152	208.021	ug/l	96
26) 2,2-Dichloropropane	6.78	77	99761	31.138	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	81026	42.415	ug/l	94
28) Bromochloromethane	7.15	49	77470	46.183	ug/l	97
29) Tetrahydrofuran	7.17	42	185230	211.706	ug/l	96
30) Chloroform	7.33	83	161911	43.833	ug/l	99
31) Cyclohexane	7.62	56	126284	39.581	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	144347	43.708	ug/l	98
36) 1,1-Dichloropropene	7.75	75	103103	40.993	ug/l	98
37) Ethyl Acetate	6.88	43	105999	40.345	ug/l	100
38) Carbon Tetrachloride	7.73	117	126030	42.368	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	124563	41.153	ug/l	97
40) Benzene	8.00	78	314585	41.915	ug/l	98
41) Methacrylonitrile	7.13	41	47856m	40.366	ug/l	
42) 1,2-Dichloroethane	8.08	62	135433	42.397	ug/l	100
43) Isopropyl Acetate	8.13	43	174257	39.764	ug/l	98
44) Trichloroethene	8.80	130	77790	42.542	ug/l	99
45) 1,2-Dichloropropane	9.09	63	86219	42.445	ug/l	95
46) Dibromomethane	9.18	93	58758	44.148	ug/l	98
47) Bromodichloromethane	9.37	83	134812	45.099	ug/l	99
48) Methyl methacrylate	9.17	41	87493	40.591	ug/l	96
49) 1,4-Dioxane	9.17	88	37324	934.504	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	604537	213.211	ug/l	98
52) Toluene	10.13	92	206498	44.562	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	137555	41.835	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	138553	41.970	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	85974	43.441	ug/l	97
56) Ethyl methacrylate	10.40	69	136018	45.660	ug/l	98
57) 1,3-Dichloropropane	10.68	76	148213	44.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	173683	206.264	ug/l	98
59) 2-Hexanone	10.72	43	457165	216.149	ug/l	99
60) Dibromochloromethane	10.88	129	104137	46.109	ug/l	97
61) 1,2-Dibromoethane	10.98	107	87673	44.894	ug/l	99
64) Tetrachloroethene	10.60	164	68170	42.937	ug/l	96
65) Chlorobenzene	11.41	112	223904	43.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	93856	45.437	ug/l	98
67) Ethyl Benzene	11.49	91	410822	44.631	ug/l	98
68) m/p-Xylenes	11.60	106	305377	91.393	ug/l	98
69) o-Xylene	11.92	106	146529	46.795	ug/l	99
70) Styrene	11.94	104	262029	47.607	ug/l	98
71) Bromoform	12.10	173	76361	45.182	ug/l #	98
73) Isopropylbenzene	12.23	105	411949	44.282	ug/l	100
74) N-amyl acetate	12.05	43	163391	43.341	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134048	40.933	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	136997m	41.117	ug/l	
77) Bromobenzene	12.50	156	100028	43.275	ug/l	94
78) n-propylbenzene	12.57	91	474765	43.476	ug/l	99
79) 2-Chlorotoluene	12.65	91	293149	42.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	370024	45.848	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	43275	39.650	ug/l	97
82) 4-Chlorotoluene	12.75	91	307118	43.520	ug/l	99
83) tert-Butylbenzene	12.97	119	309187	45.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	363812	47.120	ug/l	100
85) sec-Butylbenzene	13.15	105	400290	44.635	ug/l	100
86) p-Isopropyltoluene	13.26	119	363624	45.679	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	180015	43.594	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	177982	42.974	ug/l	99
89) n-Butylbenzene	13.59	91	286620	42.573	ug/l	99
90) Hexachloroethane	13.85	117	72461	42.230	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	176571	45.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	31147	44.302	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82205	40.233	ug/l	97
94) Hexachlorobutadiene	14.99	225	57053	46.720	ug/l	97
95) Naphthalene	15.10	128	220766	39.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	84316	41.631	ug/l	98

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

