

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062257.D
 Acq On : 30 Jun 2020 22:40
 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
 7/1/2020 11:04:30 AM

Quant Time: Jul 01 05:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	367049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173501	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158724	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
35) Dibromofluoromethane	7.55	113	124187	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.06	98	493410	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	168428	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	108885	45.339	ug/l	99
3) Chloromethane	2.03	50	145082	51.350	ug/l	98
4) Vinyl Chloride	2.16	62	174424	46.119	ug/l	97
5) Bromomethane	2.52	94	102359	41.877	ug/l	98
6) Chloroethane	2.66	64	123914	47.963	ug/l	99
7) Trichlorofluoromethane	2.98	101	213269	45.764	ug/l	99
8) Diethyl Ether	3.37	74	85855	52.760	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	117210	48.029	ug/l	97
10) Methyl Iodide	3.91	142	126325	45.963	ug/l	100
11) Tert butyl alcohol	4.73	59	115012	268.659	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	119429	48.953	ug/l	94
13) Acrolein	3.56	56	113993	271.974	ug/l	99
14) Allyl chloride	4.27	41	175837	52.938	ug/l	99
15) Acrylonitrile	4.93	53	333473	285.855	ug/l	100
16) Acetone	3.77	43	259210	277.409	ug/l	99
17) Carbon Disulfide	4.00	76	334844	47.920	ug/l	99
18) Methyl Acetate	4.28	43	137106	57.845	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	424490	54.452	ug/l	96
20) Methylene Chloride	4.50	84	149010	54.460	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	137259	49.387	ug/l	95
22) Diisopropyl ether	5.90	45	421102	55.680	ug/l	97
23) Vinyl Acetate	5.84	43	1752422	283.810	ug/l	98
24) 1,1-Dichloroethane	5.80	63	256661	52.702	ug/l	99
25) 2-Butanone	6.79	43	413850	283.967	ug/l	97
26) 2,2-Dichloropropane	6.77	77	186592	45.978	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159746	51.080	ug/l	99
28) Bromochloromethane	7.15	49	108477	51.338	ug/l	95
29) Tetrahydrofuran	7.17	42	278411	291.634	ug/l	99
30) Chloroform	7.33	83	256069	51.680	ug/l	99
31) Cyclohexane	7.61	56	208167	50.533	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	211375	50.585	ug/l	98
36) 1,1-Dichloropropene	7.75	75	188705	47.796	ug/l	98
37) Ethyl Acetate	6.88	43	178304	54.539	ug/l	98
38) Carbon Tetrachloride	7.73	117	174377	46.848	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	212421	49.104	ug/l	98
40) Benzene	8.00	78	596093	49.535	ug/l	99
41) Methacrylonitrile	7.14	41	85437m	56.370	ug/l	
42) 1,2-Dichloroethane	8.09	62	203397	50.027	ug/l	99
43) Isopropyl Acetate	8.13	43	290927	54.589	ug/l #	91
44) Trichloroethene	8.80	130	138007	45.464	ug/l	96
45) 1,2-Dichloropropane	9.09	63	156479	52.708	ug/l	98
46) Dibromomethane	9.18	93	101977	50.663	ug/l	95
47) Bromodichloromethane	9.37	83	207902	51.154	ug/l	99
48) Methyl methacrylate	9.17	41	133411	55.830	ug/l	95
49) 1,4-Dioxane	9.17	88	55755	1052.147	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	906393	291.093	ug/l	99
52) Toluene	10.12	92	370673	50.484	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	223027	49.879	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	246269	51.732	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	151066	52.340	ug/l	100
56) Ethyl methacrylate	10.40	69	216987	56.334	ug/l	98
57) 1,3-Dichloropropane	10.68	76	255757	51.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	410744	250.436	ug/l	96
59) 2-Hexanone	10.72	43	658439	292.843	ug/l	100
60) Dibromochloromethane	10.87	129	153594	50.265	ug/l	98
61) 1,2-Dibromoethane	10.98	107	148731	50.151	ug/l	100
64) Tetrachloroethene	10.60	164	108915	43.439	ug/l	96
65) Chlorobenzene	11.41	112	382529	47.457	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	136499	48.973	ug/l	99
67) Ethyl Benzene	11.48	91	700689	51.472	ug/l	97
68) m/p-Xylenes	11.59	106	530021	100.663	ug/l	97
69) o-Xylene	11.92	106	254226	51.174	ug/l	97
70) Styrene	11.94	104	431630	52.097	ug/l	98
71) Bromoform	12.10	173	99289	50.103	ug/l #	98
73) Isopropylbenzene	12.22	105	671123	49.971	ug/l	99
74) N-amyl acetate	12.05	43	253263	51.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227370	50.874	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	188468m	46.144	ug/l	
77) Bromobenzene	12.50	156	152297	45.676	ug/l	90
78) n-propylbenzene	12.57	91	791014	51.490	ug/l	99
79) 2-Chlorotoluene	12.65	91	460935	49.631	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	566915	52.071	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	69708	49.842	ug/l	96
82) 4-Chlorotoluene	12.75	91	481354	50.120	ug/l	97
83) tert-Butylbenzene	12.97	119	459189	49.283	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	562939	51.771	ug/l	99
85) sec-Butylbenzene	13.15	105	646238	52.489	ug/l	100
86) p-Isopropyltoluene	13.26	119	573641	53.181	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	281194	48.026	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	278441	46.134	ug/l	99
89) n-Butylbenzene	13.59	91	482426	53.795	ug/l	99
90) Hexachloroethane	13.85	117	107076	50.595	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	277201	48.823	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	38449	53.703	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	122845	49.528	ug/l	99
94) Hexachlorobutadiene	14.99	225	51956	48.229	ug/l	96
95) Naphthalene	15.10	128	367984	44.936	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	123842	48.831	ug/l	99

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

