

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063790.D
 Acq On : 1 Oct 2020 22:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:11:59 PM

Quant Time: Oct 02 03:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	251636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211258	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.55	113	145158	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	10.06	98	551170	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.38	95	206515	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	124490	46.886	ug/l	99
3) Chloromethane	2.04	50	148496	47.664	ug/l	98
4) Vinyl Chloride	2.16	62	147445	47.147	ug/l	99
5) Bromomethane	2.53	94	93943	47.758	ug/l	96
6) Chloroethane	2.67	64	97493	52.171	ug/l	96
7) Trichlorofluoromethane	2.98	101	245838	49.565	ug/l	99
8) Diethyl Ether	3.38	74	87789	52.336	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129038	48.676	ug/l	99
10) Methyl Iodide	3.91	142	159494	51.816	ug/l	98
11) Tert butyl alcohol	4.73	59	126035	274.605	ug/l	100
12) 1,1-Dichloroethene	3.69	96	124364	49.079	ug/l	98
13) Acrolein	3.57	56	71987	255.555	ug/l	98
14) Allyl chloride	4.28	41	223593	47.497	ug/l	96
15) Acrylonitrile	4.93	53	353992	269.447	ug/l	99
16) Acetone	3.77	43	329810	257.720	ug/l	96
17) Carbon Disulfide	4.01	76	335086	48.942	ug/l	100
18) Methyl Acetate	4.28	43	174375	52.481	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	478241	51.949	ug/l	100
20) Methylene Chloride	4.50	84	153468	52.352	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	139544	49.166	ug/l	97
22) Diisopropyl ether	5.90	45	524097	54.112	ug/l	98
23) Vinyl Acetate	5.84	43	2178970	271.589	ug/l	99
24) 1,1-Dichloroethane	5.80	63	282034	50.928	ug/l	99
25) 2-Butanone	6.78	43	496976	273.917	ug/l	97
26) 2,2-Dichloropropane	6.78	77	209824	41.374	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	167271	51.243	ug/l	99
28) Bromochloromethane	7.15	49	142689	52.132	ug/l	98
29) Tetrahydrofuran	7.16	42	331800	272.669	ug/l	98
30) Chloroform	7.33	83	311996	54.032	ug/l	93
31) Cyclohexane	7.61	56	230533	47.766	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	272195	52.262	ug/l	99
36) 1,1-Dichloropropene	7.76	75	213789	48.120	ug/l	98
37) Ethyl Acetate	6.88	43	212481	48.138	ug/l	100
38) Carbon Tetrachloride	7.73	117	238807	47.935	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	196355	44.319	ug/l	98
40) Benzene	8.00	78	620310	48.883	ug/l	100
41) Methacrylonitrile	7.13	41	99237m	50.586	ug/l	
42) 1,2-Dichloroethane	8.09	62	267941	49.465	ug/l	99
43) Isopropyl Acetate	8.13	43	378622	52.004	ug/l	100
44) Trichloroethene	8.80	130	154971	46.610	ug/l	99
45) 1,2-Dichloropropane	9.08	63	172042	50.201	ug/l	99
46) Dibromomethane	9.17	93	117209	49.577	ug/l	97
47) Bromodichloromethane	9.37	83	242491	49.768	ug/l	97
48) Methyl methacrylate	9.16	41	193173	53.703	ug/l	96
49) 1,4-Dioxane	9.16	88	51280	1003.076	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1141404	267.144	ug/l	100
52) Toluene	10.13	92	391343	49.859	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	259069	49.602	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	266591	48.806	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	158503	50.355	ug/l	99
56) Ethyl methacrylate	10.40	69	235621	52.809	ug/l	99
57) 1,3-Dichloropropane	10.68	76	270405	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	609788	255.499	ug/l	99
59) 2-Hexanone	10.72	43	835224	263.148	ug/l	98
60) Dibromochloromethane	10.87	129	180407	49.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	165172	51.297	ug/l	99
64) Tetrachloroethene	10.60	164	140743	43.859	ug/l	98
65) Chlorobenzene	11.41	112	414318	48.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	163667	50.176	ug/l	100
67) Ethyl Benzene	11.48	91	769463	49.700	ug/l	99
68) m/p-Xylenes	11.59	106	563726	97.696	ug/l	98
69) o-Xylene	11.92	106	272393	50.507	ug/l	100
70) Styrene	11.94	104	475713	51.963	ug/l	100
71) Bromoform	12.10	173	123757	49.607	ug/l #	98
73) Isopropylbenzene	12.23	105	730360	49.970	ug/l	100
74) N-amyl acetate	12.05	43	341483	50.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227510	50.904	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	231966m	52.514	ug/l	
77) Bromobenzene	12.50	156	180838	50.424	ug/l	99
78) n-propylbenzene	12.57	91	832634	48.950	ug/l	100
79) 2-Chlorotoluene	12.65	91	518834	49.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	616789	50.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	73741	48.081	ug/l	99
82) 4-Chlorotoluene	12.75	91	539876	49.712	ug/l	100
83) tert-Butylbenzene	12.97	119	489904	48.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	612423	50.025	ug/l	98
85) sec-Butylbenzene	13.15	105	632275	47.995	ug/l	100
86) p-Isopropyltoluene	13.26	119	565292	48.505	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	317678	48.962	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	317796	47.042	ug/l	100
89) n-Butylbenzene	13.59	91	484787	45.069	ug/l	100
90) Hexachloroethane	13.85	117	111279	49.275	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	317537	49.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	51443	49.080	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	148855	42.855	ug/l	99
94) Hexachlorobutadiene	14.98	225	79311	45.523	ug/l	98
95) Naphthalene	15.10	128	469061	43.637	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	145466	43.142	ug/l	99

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

