

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063606.D
 Acq On : 23 Sep 2020 22:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:38:18 PM

Quant Time: Sep 24 04:34:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202098	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.55	113	139910	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	10.06	98	527370	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.38	95	203067	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	124554	47.030	ug/l	98
3) Chloromethane	2.04	50	153052	43.685	ug/l	99
4) Vinyl Chloride	2.16	62	152426	49.105	ug/l	99
5) Bromomethane	2.53	94	98809	53.613	ug/l	98
6) Chloroethane	2.67	64	94750	49.727	ug/l	98
7) Trichlorofluoromethane	2.98	101	245291	52.965	ug/l	99
8) Diethyl Ether	3.38	74	88377	48.952	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	128426	49.309	ug/l	99
10) Methyl Iodide	3.91	142	170597	50.310	ug/l	99
11) Tert butyl alcohol	4.73	59	125261	227.218	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	128494	48.708	ug/l	97
13) Acrolein	3.57	56	64485	315.644	ug/l	97
14) Allyl chloride	4.28	41	238880	45.779	ug/l	95
15) Acrylonitrile	4.93	53	358080	255.356	ug/l	100
16) Acetone	3.78	43	323579	253.014	ug/l	100
17) Carbon Disulfide	4.01	76	342805	44.674	ug/l	99
18) Methyl Acetate	4.28	43	171499	52.823	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	481636	48.986	ug/l	99
20) Methylene Chloride	4.51	84	154731	47.753	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	139665	47.785	ug/l	97
22) Diisopropyl ether	5.90	45	519276	48.794	ug/l	98
23) Vinyl Acetate	5.85	43	2187676	250.302	ug/l	99
24) 1,1-Dichloroethane	5.80	63	285209	49.088	ug/l	99
25) 2-Butanone	6.78	43	491390	249.828	ug/l	100
26) 2,2-Dichloropropane	6.78	77	208191	40.698	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	169662	51.286	ug/l	97
28) Bromochloromethane	7.15	49	137536	51.267	ug/l	96
29) Tetrahydrofuran	7.17	42	328898	244.833	ug/l	98
30) Chloroform	7.33	83	302758	51.937	ug/l	99
31) Cyclohexane	7.61	56	229436	41.747	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	267185	51.533	ug/l	99
36) 1,1-Dichloropropene	7.76	75	213334	49.025	ug/l	100
37) Ethyl Acetate	6.88	43	215237	50.397	ug/l	99
38) Carbon Tetrachloride	7.73	117	227942	51.315	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	206588	43.743	ug/l	98
40) Benzene	8.00	78	619530	49.874	ug/l	98
41) Methacrylonitrile	7.14	41	99479m	51.789	ug/l	
42) 1,2-Dichloroethane	8.09	62	259550	51.957	ug/l	98
43) Isopropyl Acetate	8.13	43	366718	48.021	ug/l	99
44) Trichloroethene	8.80	130	152150	50.500	ug/l	100
45) 1,2-Dichloropropane	9.08	63	169117	49.987	ug/l	96
46) Dibromomethane	9.18	93	116327	52.314	ug/l	99
47) Bromodichloromethane	9.37	83	239584	51.863	ug/l	97
48) Methyl methacrylate	9.17	41	184925	49.288	ug/l	97
49) 1,4-Dioxane	9.17	88	49827	925.416	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1107934	259.149	ug/l	100
52) Toluene	10.13	92	387888	51.936	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	253904	49.233	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	264687	48.657	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	155470	52.408	ug/l	97
56) Ethyl methacrylate	10.40	69	236477	51.063	ug/l	99
57) 1,3-Dichloropropane	10.68	76	267575	50.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	588100	242.077	ug/l	97
59) 2-Hexanone	10.72	43	820073	264.768	ug/l	99
60) Dibromochloromethane	10.87	129	180327	53.807	ug/l	98
61) 1,2-Dibromoethane	10.98	107	163110	52.923	ug/l	100
64) Tetrachloroethene	10.60	164	136041	51.655	ug/l	98
65) Chlorobenzene	11.41	112	408290	49.730	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	158478	52.658	ug/l	98
67) Ethyl Benzene	11.49	91	766934	49.603	ug/l	100
68) m/p-Xylenes	11.60	106	557098	99.935	ug/l	99
69) o-Xylene	11.92	106	272978	51.405	ug/l	98
70) Styrene	11.94	104	467443	52.490	ug/l	100
71) Bromoform	12.10	173	117018	52.193	ug/l #	99
73) Isopropylbenzene	12.23	105	739580	50.537	ug/l	100
74) N-amyl acetate	12.05	43	343715	49.616	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	229911	50.739	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	218548m	48.350	ug/l	
77) Bromobenzene	12.50	156	174078	52.881	ug/l	95
78) n-propylbenzene	12.57	91	845916	49.629	ug/l	99
79) 2-Chlorotoluene	12.65	91	519574	50.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	629781	51.608	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	72751	44.126	ug/l	95
82) 4-Chlorotoluene	12.75	91	548980	50.852	ug/l	100
83) tert-Butylbenzene	12.97	119	499560	49.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	629882	51.101	ug/l	100
85) sec-Butylbenzene	13.15	105	664578	49.295	ug/l	100
86) p-Isopropyltoluene	13.26	119	596065	50.127	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	312867	51.278	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	317477	51.179	ug/l	100
89) n-Butylbenzene	13.59	91	523577	47.769	ug/l	99
90) Hexachloroethane	13.85	117	109051	48.162	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	313897	52.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53252	49.353	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	171544	48.576	ug/l	98
94) Hexachlorobutadiene	14.98	225	78772	53.880	ug/l	98
95) Naphthalene	15.10	128	558132	47.838	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	161326	47.280	ug/l	95

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

