

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063206.D
 Acq On : 2 Sep 2020 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:29:17 AM

Quant Time: Sep 03 03:01:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	420478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	775037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	748812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	346429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	348325	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.55	113	253978	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.06	98	977499	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	357909	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	197514	47.697	ug/l	99
3) Chloromethane	2.04	50	269088	44.626	ug/l	99
4) Vinyl Chloride	2.17	62	300173	45.066	ug/l	97
5) Bromomethane	2.53	94	250935	44.755	ug/l	98
6) Chloroethane	2.68	64	255462	48.237	ug/l	98
7) Trichlorofluoromethane	2.98	101	460766	50.154	ug/l	98
8) Diethyl Ether	3.38	74	148031	46.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	218620	48.288	ug/l	99
10) Methyl Iodide	3.91	142	291882	47.270	ug/l	98
11) Tert butyl alcohol	4.73	59	190147	225.365	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	220780	47.858	ug/l	95
13) Acrolein	3.57	56	97266	299.469	ug/l	99
14) Allyl chloride	4.28	41	381808	46.600	ug/l	95
15) Acrylonitrile	4.93	53	578838	244.968	ug/l	99
16) Acetone	3.78	43	485727	248.586	ug/l	99
17) Carbon Disulfide	4.01	76	612388	44.598	ug/l	100
18) Methyl Acetate	4.28	43	277386	55.366	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	810232	47.344	ug/l	99
20) Methylene Chloride	4.51	84	266536	48.497	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	252367	49.515	ug/l	96
22) Diisopropyl ether	5.90	45	890288	48.490	ug/l	93
23) Vinyl Acetate	5.84	43	3657480	249.657	ug/l	99
24) 1,1-Dichloroethane	5.80	63	477435	47.169	ug/l	99
25) 2-Butanone	6.78	43	788574	260.641	ug/l	100
26) 2,2-Dichloropropane	6.78	77	379177	41.347	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	294118	47.476	ug/l	97
28) Bromochloromethane	7.15	49	225892	42.717	ug/l	100
29) Tetrahydrofuran	7.16	42	514237	245.810	ug/l	99
30) Chloroform	7.33	83	511542	48.306	ug/l	98
31) Cyclohexane	7.61	56	410994	45.935	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	451573	49.486	ug/l	99
36) 1,1-Dichloropropene	7.75	75	371614	49.876	ug/l	99
37) Ethyl Acetate	6.88	43	344960	49.038	ug/l #	94
38) Carbon Tetrachloride	7.74	117	378385	50.077	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	397446	47.482	ug/l	98
40) Benzene	8.00	78	1112469	50.809	ug/l	99
41) Methacrylonitrile	7.13	41	166220	52.956	ug/l	97
42) 1,2-Dichloroethane	8.09	62	419891	51.339	ug/l	100
43) Isopropyl Acetate	8.13	43	630837	51.916	ug/l #	91
44) Trichloroethene	8.80	130	284845	53.635	ug/l	100
45) 1,2-Dichloropropane	9.08	63	282623	48.752	ug/l	99
46) Dibromomethane	9.17	93	199786	52.004	ug/l	99
47) Bromodichloromethane	9.37	83	418931	50.875	ug/l	99
48) Methyl methacrylate	9.17	41	288526	52.672	ug/l	96
49) 1,4-Dioxane	9.17	88	80359	948.469	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1795603	271.936	ug/l	99
52) Toluene	10.13	92	699761	51.305	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	436490	48.459	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	468082	49.507	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	264250	50.589	ug/l	98
56) Ethyl methacrylate	10.40	69	411447	51.759	ug/l	100
57) 1,3-Dichloropropane	10.68	76	476675	51.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	944517	229.450	ug/l	100
59) 2-Hexanone	10.72	43	1304798	281.175	ug/l	100
60) Dibromochloromethane	10.87	129	311141	53.878	ug/l	98
61) 1,2-Dibromoethane	10.98	107	288525	53.136	ug/l	98
64) Tetrachloroethene	10.60	164	282474	52.532	ug/l	97
65) Chlorobenzene	11.41	112	740681	49.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	278404	49.718	ug/l	99
67) Ethyl Benzene	11.49	91	1404374	51.042	ug/l	99
68) m/p-Xylenes	11.60	106	1035641	101.630	ug/l	98
69) o-Xylene	11.92	106	497427	50.530	ug/l	100
70) Styrene	11.94	104	870050	51.427	ug/l	99
71) Bromoform	12.10	173	194417	51.161	ug/l #	98
73) Isopropylbenzene	12.23	105	1359897	51.180	ug/l	99
74) N-amyl acetate	12.05	43	582782	52.951	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	382040	49.872	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	329739m	48.444	ug/l	
77) Bromobenzene	12.50	156	300851	50.065	ug/l	98
78) n-propylbenzene	12.57	91	1588423	51.662	ug/l	100
79) 2-Chlorotoluene	12.65	91	922333	50.085	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1132056	51.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	122817	43.612	ug/l	96
82) 4-Chlorotoluene	12.75	91	971179	50.849	ug/l	99
83) tert-Butylbenzene	12.97	119	936414	49.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1146277	51.420	ug/l	99
85) sec-Butylbenzene	13.15	105	1277082	51.661	ug/l	99
86) p-Isopropyltoluene	13.26	119	1150967	52.443	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	567870	51.441	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	557407	48.764	ug/l	99
89) n-Butylbenzene	13.59	91	1042733	51.428	ug/l	99
90) Hexachloroethane	13.85	117	183231	45.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	560082	52.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	81424	48.347	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	300726	50.246	ug/l	99
94) Hexachlorobutadiene	14.98	225	106537	47.650	ug/l	100
95) Naphthalene	15.11	128	976539	48.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	285435	48.951	ug/l	99

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

