

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063155.D
 Acq On : 1 Sep 2020 15:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 04:17:11 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	7.62	168	502716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	898484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	830633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	410032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	372486	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
35) Dibromofluoromethane	7.55	113	275551	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	10.06	98	1062266	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.38	95	387989	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	245857	49.659	ug/l	97
3) Chloromethane	2.04	50	326913	45.346	ug/l	97
4) Vinyl Chloride	2.16	62	388954	48.842	ug/l	99
5) Bromomethane	2.53	94	351289	52.404	ug/l	99
6) Chloroethane	2.67	64	322907	50.998	ug/l	99
7) Trichlorofluoromethane	2.98	101	724556	67.285	ug/l	96
8) Diethyl Ether	3.37	74	175586	46.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	284207	52.506	ug/l	98
10) Methyl Iodide	3.91	142	304918	41.303	ug/l	98
11) Tert butyl alcohol	4.73	59	253800	251.599	ug/l	100
12) 1,1-Dichloroethene	3.69	96	269517	48.865	ug/l	99
13) Acrolein	3.57	56	46718	129.742	ug/l	96
14) Allyl chloride	4.27	41	499988	51.042	ug/l	96
15) Acrylonitrile	4.93	53	685242	242.582	ug/l	99
16) Acetone	3.77	43	687248	294.183	ug/l	99
17) Carbon Disulfide	4.01	76	792782	48.291	ug/l	100
18) Methyl Acetate	4.27	43	302535	50.507	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1007752	49.252	ug/l	98
20) Methylene Chloride	4.50	84	321622	48.951	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	312479	51.280	ug/l	98
22) Diisopropyl ether	5.90	45	1107495	50.452	ug/l	96
23) Vinyl Acetate	5.84	43	4589671	262.038	ug/l	99
24) 1,1-Dichloroethane	5.79	63	592814	48.988	ug/l	100
25) 2-Butanone	6.78	43	1002795	277.225	ug/l	99
26) 2,2-Dichloropropane	6.77	77	565365	51.565	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	361751	48.841	ug/l	100
28) Bromochloromethane	7.15	49	294280	46.546	ug/l	98
29) Tetrahydrofuran	7.16	42	622119	248.731	ug/l	97
30) Chloroform	7.33	83	630846	49.827	ug/l	100
31) Cyclohexane	7.61	56	527678	49.463	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	571760	52.407	ug/l	98
36) 1,1-Dichloropropene	7.75	75	469315	54.334	ug/l	98
37) Ethyl Acetate	6.87	43	426953	52.329	ug/l #	96
38) Carbon Tetrachloride	7.73	117	479843	54.779	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	543125	55.971	ug/l	100
40) Benzene	8.00	78	1374619	54.156	ug/l	98
41) Methacrylonitrile	7.12	41	205721	56.535	ug/l	97
42) 1,2-Dichloroethane	8.08	62	515885	54.409	ug/l	100
43) Isopropyl Acetate	8.12	43	767568	54.489	ug/l #	92
44) Trichloroethene	8.80	130	350488	56.928	ug/l	100
45) 1,2-Dichloropropane	9.08	63	353145	52.548	ug/l	97
46) Dibromomethane	9.17	93	242087	54.357	ug/l	99
47) Bromodichloromethane	9.37	83	519486	54.418	ug/l	98
48) Methyl methacrylate	9.16	41	348430	54.868	ug/l	95
49) 1,4-Dioxane	9.16	88	107175	1091.174	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2171415	283.668	ug/l	99
52) Toluene	10.12	92	880792	55.705	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	567703	54.367	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	603406	55.051	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	327219	54.037	ug/l	99
56) Ethyl methacrylate	10.40	69	508853	55.217	ug/l	99
57) 1,3-Dichloropropane	10.68	76	576838	53.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1084510	227.261	ug/l	99
59) 2-Hexanone	10.72	43	1633473	303.639	ug/l	99
60) Dibromochloromethane	10.87	129	378970	56.607	ug/l	99
61) 1,2-Dibromoethane	10.98	107	346639	55.067	ug/l	96
64) Tetrachloroethene	10.60	164	351500	58.929	ug/l	98
65) Chlorobenzene	11.41	112	907362	54.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	344104	55.398	ug/l	100
67) Ethyl Benzene	11.49	91	1736573	56.899	ug/l	99
68) m/p-Xylenes	11.59	106	1288630	114.000	ug/l	99
69) o-Xylene	11.92	106	614055	56.233	ug/l	97
70) Styrene	11.94	104	1059659	56.464	ug/l	99
71) Bromoform	12.10	173	239643	56.850	ug/l #	97
73) Isopropylbenzene	12.23	105	1681900	53.480	ug/l	99
74) N-amyl acetate	12.04	43	691395	53.076	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	442736	48.830	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	395230m	49.059	ug/l	
77) Bromobenzene	12.50	156	374766	52.691	ug/l	95
78) n-propylbenzene	12.57	91	2001986	55.012	ug/l	100
79) 2-Chlorotoluene	12.65	91	1141832	52.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1437552	54.917	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	161134	48.342	ug/l	96
82) 4-Chlorotoluene	12.75	91	1226157	54.241	ug/l	99
83) tert-Butylbenzene	12.97	119	1180394	52.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1457165	55.226	ug/l	98
85) sec-Butylbenzene	13.15	105	1648091	56.328	ug/l	100
86) p-Isopropyltoluene	13.27	119	1482689	57.078	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	711113	54.424	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	724520	53.552	ug/l	98
89) n-Butylbenzene	13.59	91	1375501	57.317	ug/l	99
90) Hexachloroethane	13.85	117	246325	51.226	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	701461	55.322	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	99708	50.020	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	396777	56.011	ug/l	100
94) Hexachlorobutadiene	14.98	225	144481	54.597	ug/l	98
95) Naphthalene	15.11	128	1253915	53.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	368911	53.453	ug/l	100

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

