

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061302.D
 Acq On : 6 May 2020 11:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:36:27 AM

Quant Time: May 07 05:37:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	108839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	183076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	169770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	87761	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.54	113	48462	44.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.54%	
50) Toluene-d8	10.06	98	231281	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.37	95	88531	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53003	45.924	ug/l	99
3) Chloromethane	2.03	50	71611	51.231	ug/l	99
4) Vinyl Chloride	2.15	62	79627	50.154	ug/l	100
5) Bromomethane	2.52	94	32914	41.940	ug/l	98
6) Chloroethane	2.66	64	48925	48.618	ug/l	100
7) Trichlorofluoromethane	2.97	101	98319	54.890	ug/l	96
8) Diethyl Ether	3.37	74	39773	53.234	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	57426	49.765	ug/l	100
10) Methyl Iodide	3.90	142	60860	41.038	ug/l	100
11) Tert butyl alcohol	4.73	59	67142	291.039	ug/l	99
12) 1,1-Dichloroethene	3.69	96	54635	47.577	ug/l	100
13) Acrolein	3.56	56	35454	230.613	ug/l	97
14) Allyl chloride	4.27	41	119114	55.942	ug/l	99
15) Acrylonitrile	4.92	53	189688	267.852	ug/l	99
16) Acetone	3.77	43	189102	284.684	ug/l	100
17) Carbon Disulfide	4.00	76	115860	36.525	ug/l	100
18) Methyl Acetate	4.27	43	101414	46.696	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	217449	49.556	ug/l	99
20) Methylene Chloride	4.49	84	64211	47.816	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	60057	48.029	ug/l	97
22) Diisopropyl ether	5.90	45	249879	50.608	ug/l	99
23) Vinyl Acetate	5.83	43	1023635	257.481	ug/l	100
24) 1,1-Dichloroethane	5.79	63	125148	48.512	ug/l	99
25) 2-Butanone	6.78	43	285935	280.586	ug/l	98
26) 2,2-Dichloropropane	6.77	77	114220	52.566	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	70622	48.127	ug/l	98
28) Bromochloromethane	7.14	49	61569	50.353	ug/l	97
29) Tetrahydrofuran	7.16	42	183829	267.792	ug/l	99
30) Chloroform	7.32	83	125542	48.021	ug/l	99
31) Cyclohexane	7.61	56	108985	43.501	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	108177	47.519	ug/l	99
36) 1,1-Dichloropropene	7.74	75	89842	49.022	ug/l	99
37) Ethyl Acetate	6.87	43	112842	52.521	ug/l	99
38) Carbon Tetrachloride	7.73	117	83013	49.662	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	98625	47.986	ug/l	98
40) Benzene	8.00	78	268427	49.163	ug/l	98
41) Methacrylonitrile	7.12	41	47114m	52.815	ug/l	
42) 1,2-Dichloroethane	8.08	62	106973	51.717	ug/l	99
43) Isopropyl Acetate	8.12	43	188426	52.844	ug/l #	92
44) Trichloroethene	8.80	130	69144	46.846	ug/l	100
45) 1,2-Dichloropropane	9.08	63	73179	50.168	ug/l	100
46) Dibromomethane	9.17	93	45699	50.598	ug/l	99
47) Bromodichloromethane	9.37	83	101118	52.161	ug/l	99
48) Methyl methacrylate	9.16	41	85871	53.368	ug/l	97
49) 1,4-Dioxane	9.16	88	22405	1226.703	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	582389	277.484	ug/l	100
52) Toluene	10.12	92	164705	50.082	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	114264	52.310	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	120339	52.111	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	66200	50.466	ug/l	99
56) Ethyl methacrylate	10.40	69	109717	48.107	ug/l	99
57) 1,3-Dichloropropane	10.68	76	117051	50.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	330963	311.696	ug/l	99
59) 2-Hexanone	10.72	43	439459	287.805	ug/l	100
60) Dibromochloromethane	10.87	129	70861	51.577	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67498	51.338	ug/l	100
64) Tetrachloroethene	10.60	164	67088	45.626	ug/l	99
65) Chlorobenzene	11.40	112	169030	50.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64352	53.390	ug/l	99
67) Ethyl Benzene	11.48	91	323428	51.303	ug/l	99
68) m/p-Xylenes	11.59	106	236530	102.503	ug/l	98
69) o-Xylene	11.92	106	112218	50.628	ug/l	97
70) Styrene	11.94	104	192945	52.009	ug/l	99
71) Bromoform	12.10	173	49278	55.628	ug/l #	99
73) Isopropylbenzene	12.22	105	309743	51.636	ug/l	100
74) N-amyl acetate	12.04	43	163771	53.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	99393	53.139	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	88291m	51.324	ug/l	
77) Bromobenzene	12.50	156	69737	50.361	ug/l	96
78) n-propylbenzene	12.56	91	371231	52.176	ug/l	100
79) 2-Chlorotoluene	12.65	91	216722	51.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	262352	52.843	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	38273	56.499	ug/l	99
82) 4-Chlorotoluene	12.75	91	230918	52.390	ug/l	98
83) tert-Butylbenzene	12.97	119	217053	51.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	263091	51.434	ug/l	100
85) sec-Butylbenzene	13.15	105	295883	51.840	ug/l	100
86) p-Isopropyltoluene	13.26	119	266286	51.782	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129154	50.665	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	128853	49.471	ug/l	99
89) n-Butylbenzene	13.59	91	244712	51.908	ug/l	100
90) Hexachloroethane	13.85	117	32791	59.435	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	123391	50.482	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21265	53.830	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	72206	48.511	ug/l	99
94) Hexachlorobutadiene	14.99	225	32169	51.734	ug/l	98
95) Naphthalene	15.11	128	233325	48.134	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	71440	48.614	ug/l	99

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

