

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062505.D
 Acq On : 10 Jul 2020 20:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 11:19:40 AM

Quant Time: Jul 11 03:17:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	364567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	338041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	157464	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
35) Dibromofluoromethane	7.55	113	112709	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.06	98	446728	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.38	95	168282	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	95534	44.042	ug/l	97
3) Chloromethane	2.03	50	144214	41.434	ug/l	100
4) Vinyl Chloride	2.16	62	124625	43.704	ug/l	99
5) Bromomethane	2.51	94	56666	37.001	ug/l	99
6) Chloroethane	2.66	64	74381	44.785	ug/l	94
7) Trichlorofluoromethane	2.98	101	167717	46.310	ug/l	97
8) Diethyl Ether	3.37	74	76985	47.538	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	104102	48.490	ug/l	99
10) Methyl Iodide	3.91	142	121266	42.778	ug/l	99
11) Tert butyl alcohol	4.74	59	133712	246.085	ug/l	99
12) 1,1-Dichloroethene	3.69	96	102014	46.672	ug/l	100
13) Acrolein	3.56	56	107392	273.983	ug/l	99
14) Allyl chloride	4.27	41	231301	44.994	ug/l	98
15) Acrylonitrile	4.93	53	350096	245.674	ug/l	99
16) Acetone	3.78	43	280796	201.916	ug/l	98
17) Carbon Disulfide	4.00	76	291398	42.545	ug/l	98
18) Methyl Acetate	4.28	43	163592	47.138	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	399095	48.159	ug/l	100
20) Methylene Chloride	4.50	84	130626	43.932	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	111002	46.876	ug/l	96
22) Diisopropyl ether	5.91	45	478262	47.090	ug/l	95
23) Vinyl Acetate	5.84	43	1997651	237.437	ug/l	100
24) 1,1-Dichloroethane	5.80	63	247108	47.084	ug/l	100
25) 2-Butanone	6.79	43	468007	230.436	ug/l	99
26) 2,2-Dichloropropane	6.77	77	174500	43.364	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	133078	48.519	ug/l	96
28) Bromochloromethane	7.15	49	130886	45.904	ug/l	97
29) Tetrahydrofuran	7.17	42	320717	234.553	ug/l	99
30) Chloroform	7.33	83	228204	48.158	ug/l	100
31) Cyclohexane	7.61	56	216329	43.480	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	187869	47.663	ug/l	98
36) 1,1-Dichloropropene	7.75	75	171828	46.782	ug/l	99
37) Ethyl Acetate	6.88	43	200848	46.765	ug/l	99
38) Carbon Tetrachloride	7.73	117	159675	48.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	189469	48.318	ug/l	100
40) Benzene	8.00	78	526594	48.646	ug/l	100
41) Methacrylonitrile	7.12	41	91598	51.046	ug/l	97
42) 1,2-Dichloroethane	8.09	62	191923	48.420	ug/l	99
43) Isopropyl Acetate	8.13	43	333168	49.106	ug/l	98
44) Trichloroethene	8.80	130	116596	48.546	ug/l	98
45) 1,2-Dichloropropane	9.09	63	153739	48.923	ug/l	100
46) Dibromomethane	9.18	93	85699	48.326	ug/l	99
47) Bromodichloromethane	9.37	83	187556	49.469	ug/l	99
48) Methyl methacrylate	9.17	41	160860	48.334	ug/l	97
49) 1,4-Dioxane	9.17	88	49457	1020.980	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1016046	250.731	ug/l	99
52) Toluene	10.12	92	311410	49.804	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	210747	49.615	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	226979	48.431	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	124961	50.814	ug/l	99
56) Ethyl methacrylate	10.40	69	217251	48.071	ug/l	97
57) 1,3-Dichloropropane	10.68	76	228499	50.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	387362	265.507	ug/l	98
59) 2-Hexanone	10.72	43	742405	252.357	ug/l	98
60) Dibromochloromethane	10.87	129	136681	51.260	ug/l	99
61) 1,2-Dibromoethane	10.98	107	126025	50.766	ug/l	99
64) Tetrachloroethene	10.60	164	96055	47.886	ug/l	98
65) Chlorobenzene	11.41	112	327819	49.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	120669	49.806	ug/l	99
67) Ethyl Benzene	11.48	91	615009	49.870	ug/l	99
68) m/p-Xylenes	11.59	106	440942	101.001	ug/l	99
69) o-Xylene	11.92	106	217544	51.179	ug/l	99
70) Styrene	11.94	104	374332	53.285	ug/l	99
71) Bromoform	12.10	173	94287	53.087	ug/l #	99
73) Isopropylbenzene	12.22	105	583483	47.457	ug/l	100
74) N-amyl acetate	12.04	43	310711	51.921	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	198986	48.134	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	191541m	49.132	ug/l	
77) Bromobenzene	12.50	156	159886	57.201	ug/l	73
78) n-propylbenzene	12.57	91	695091	48.399	ug/l	100
79) 2-Chlorotoluene	12.65	91	414128	47.510	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	502757	49.881	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	63466	43.573	ug/l	100
82) 4-Chlorotoluene	12.75	91	434105	49.056	ug/l	100
83) tert-Butylbenzene	12.97	119	416492	48.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	499209	49.829	ug/l	99
85) sec-Butylbenzene	13.15	105	558761	49.299	ug/l	100
86) p-Isopropyltoluene	13.26	119	499459	51.057	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	242715	50.335	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	241347	48.643	ug/l	99
89) n-Butylbenzene	13.59	91	449669	52.060	ug/l	99
90) Hexachloroethane	13.85	117	94505	49.111	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	237142	50.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39585	52.471	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	133233	51.975	ug/l	100
94) Hexachlorobutadiene	14.98	225	62924	50.832	ug/l	99
95) Naphthalene	15.10	128	437267	68.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132492	52.598	ug/l	99

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

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