

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060910.D
 Acq On : 13 Apr 2020 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:10:48 AM

Quant Time: Apr 14 07:30:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	146975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	243460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	222095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105562	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	7.56	113	79966	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
50) Toluene-d8	10.08	98	306115	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	115511	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	54696	38.461	ug/l	100
3) Chloromethane	2.04	50	110401	41.566	ug/l	99
4) Vinyl Chloride	2.17	62	86751	41.759	ug/l	98
5) Bromomethane	2.55	94	44166	49.249	ug/l	98
6) Chloroethane	2.69	64	56868	47.520	ug/l	99
7) Trichlorofluoromethane	3.00	101	114087	44.581	ug/l	100
8) Diethyl Ether	3.38	74	52888	51.445	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	67648	45.620	ug/l	99
10) Methyl Iodide	3.93	142	60167	45.599	ug/l	99
11) Tert butyl alcohol	4.72	59	68925	232.282	ug/l	99
12) 1,1-Dichloroethene	3.71	96	72368	45.478	ug/l	98
13) Acrolein	3.57	56	18237	55.454	ug/l	99
14) Allyl chloride	4.29	41	137230	49.033	ug/l	98
15) Acrylonitrile	4.94	53	224937	257.789	ug/l	100
16) Acetone	3.77	43	172574	241.468	ug/l	98
17) Carbon Disulfide	4.03	76	197324	40.773	ug/l	100
18) Methyl Acetate	4.28	43	108698	54.034	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	278819	50.963	ug/l	98
20) Methylene Chloride	4.52	84	88082	50.101	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	79060	46.617	ug/l	92
22) Diisopropyl ether	5.91	45	321868	54.436	ug/l	97
23) Vinyl Acetate	5.85	43	1294444	268.313	ug/l	99
24) 1,1-Dichloroethane	5.81	63	167160	51.859	ug/l	98
25) 2-Butanone	6.79	43	291373	251.947	ug/l	97
26) 2,2-Dichloropropane	6.79	77	128011	50.475	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	95584	49.596	ug/l	97
28) Bromochloromethane	7.17	49	83572	54.190	ug/l	96
29) Tetrahydrofuran	7.17	42	198899	243.075	ug/l	98
30) Chloroform	7.34	83	158291	51.225	ug/l	99
31) Cyclohexane	7.63	56	135800	41.789	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	129494	48.611	ug/l	98
36) 1,1-Dichloropropene	7.77	75	114681	48.646	ug/l	100
37) Ethyl Acetate	6.89	43	125809	49.390	ug/l	99
38) Carbon Tetrachloride	7.75	117	100832	47.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	126365	45.106	ug/l	98
40) Benzene	8.02	78	360789	50.697	ug/l	100
41) Methacrylonitrile	7.13	41	52476	48.271	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	127778	52.538	ug/l	100
43) Isopropyl Acetate	8.14	43	219477	52.245	ug/l	100
44) Trichloroethene	8.82	130	88259	49.197	ug/l	98
45) 1,2-Dichloropropane	9.10	63	101444	54.022	ug/l	98
46) Dibromomethane	9.19	93	59441	52.359	ug/l	99
47) Bromodichloromethane	9.38	83	126530	53.635	ug/l	99
48) Methyl methacrylate	9.18	41	98321	52.567	ug/l	98
49) 1,4-Dioxane	9.18	88	23019	1035.415	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	628465	262.899	ug/l	99
52) Toluene	10.14	92	214754	49.967	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	145116	53.552	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	156360	52.597	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	87366	52.838	ug/l	98
56) Ethyl methacrylate	10.42	69	139829	54.236	ug/l	99
57) 1,3-Dichloropropane	10.70	76	153272	53.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	301220	235.077	ug/l	99
59) 2-Hexanone	10.74	43	444634	258.205	ug/l	99
60) Dibromochloromethane	10.89	129	91824	53.763	ug/l	99
61) 1,2-Dibromoethane	10.99	107	86262	51.882	ug/l	100
64) Tetrachloroethene	10.62	164	79437	45.452	ug/l	98
65) Chlorobenzene	11.42	112	222893	50.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	83634	52.464	ug/l	98
67) Ethyl Benzene	11.50	91	411231	50.225	ug/l	100
68) m/p-Xylenes	11.61	106	302904	99.555	ug/l	98
69) o-Xylene	11.94	106	146463	50.426	ug/l	99
70) Styrene	11.96	104	246961	51.988	ug/l	100
71) Bromoform	12.12	173	64239	48.536	ug/l #	99
73) Isopropylbenzene	12.24	105	386961	48.620	ug/l	99
74) N-amyl acetate	12.06	43	187768	51.056	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	125692	52.223	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	112200m	49.030	ug/l	
77) Bromobenzene	12.52	156	95147	49.612	ug/l	99
78) n-propylbenzene	12.59	91	460562	48.981	ug/l	98
79) 2-Chlorotoluene	12.67	91	275600	49.055	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	330186	48.887	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	44379	49.807	ug/l	100
82) 4-Chlorotoluene	12.77	91	289174	50.536	ug/l	98
83) tert-Butylbenzene	12.99	119	272778	48.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	332892	49.820	ug/l	100
85) sec-Butylbenzene	13.17	105	374164	49.697	ug/l	100
86) p-Isopropyltoluene	13.28	119	336975	49.773	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	170084	50.284	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	170656	50.218	ug/l	99
89) n-Butylbenzene	13.61	91	319056	52.197	ug/l	100
90) Hexachloroethane	13.87	117	53310	54.171	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	166337	51.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24510	48.612	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	104320	52.524	ug/l	100
94) Hexachlorobutadiene	15.01	225	50170	51.528	ug/l	99
95) Naphthalene	15.13	128	295453	49.457	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	99706	50.966	ug/l	99

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

