

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063269.D
 Acq On : 5 Sep 2020 5:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 1:32:27 PM

Quant Time: Sep 07 02:45:50 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	316839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	588985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	264949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	265542	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.55	113	197595	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.06	98	767536	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.38	95	273470	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	138117	44.263	ug/l	96
3) Chloromethane	2.03	50	194795	42.872	ug/l	98
4) Vinyl Chloride	2.17	62	224017	44.633	ug/l	98
5) Bromomethane	2.53	94	203919	48.266	ug/l	100
6) Chloroethane	2.67	64	207033	51.880	ug/l	98
7) Trichlorofluoromethane	2.98	101	361687	52.422	ug/l	98
8) Diethyl Ether	3.37	74	114648	47.742	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	162609	47.665	ug/l	99
10) Methyl Iodide	3.91	142	219301	47.133	ug/l	100
11) Tert butyl alcohol	4.72	59	146757	230.834	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	167545	48.198	ug/l	99
13) Acrolein	3.56	56	66188	271.971	ug/l	98
14) Allyl chloride	4.28	41	281181	45.544	ug/l	96
15) Acrylonitrile	4.93	53	436232	245.004	ug/l	99
16) Acetone	3.77	43	375068	254.741	ug/l	98
17) Carbon Disulfide	4.01	76	441659	42.686	ug/l	100
18) Methyl Acetate	4.28	43	211213	55.948	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	630878	48.922	ug/l	99
20) Methylene Chloride	4.50	84	204240	49.326	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	193020	50.259	ug/l	93
22) Diisopropyl ether	5.90	45	689282	49.822	ug/l	95
23) Vinyl Acetate	5.84	43	2792448	252.960	ug/l	100
24) 1,1-Dichloroethane	5.80	63	373998	49.037	ug/l	99
25) 2-Butanone	6.78	43	603274	264.618	ug/l	99
26) 2,2-Dichloropropane	6.78	77	210469	30.458	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	233822	50.089	ug/l	93
28) Bromochloromethane	7.15	49	200017	50.197	ug/l	100
29) Tetrahydrofuran	7.16	42	406863	258.101	ug/l	99
30) Chloroform	7.33	83	395900	49.615	ug/l	99
31) Cyclohexane	7.61	56	299043	44.293	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	353209	51.368	ug/l	99
36) 1,1-Dichloropropene	7.75	75	285820	50.479	ug/l	98
37) Ethyl Acetate	6.88	43	268696	50.253	ug/l #	96
38) Carbon Tetrachloride	7.74	117	285205	49.668	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	277348	43.601	ug/l	99
40) Benzene	8.00	78	860773	51.732	ug/l	99
41) Methacrylonitrile	7.12	41	117032	49.063	ug/l	93
42) 1,2-Dichloroethane	8.08	62	325337	52.343	ug/l	98
43) Isopropyl Acetate	8.13	43	478832	51.854	ug/l #	92
44) Trichloroethene	8.80	130	224825	55.706	ug/l	99
45) 1,2-Dichloropropane	9.08	63	225154	51.108	ug/l	95
46) Dibromomethane	9.17	93	157133	53.822	ug/l	99
47) Bromodichloromethane	9.37	83	324175	51.803	ug/l	99
48) Methyl methacrylate	9.17	41	221322	53.167	ug/l	95
49) 1,4-Dioxane	9.17	88	67129	1042.598	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1425176	284.016	ug/l	99
52) Toluene	10.13	92	567529	54.754	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	330280	48.250	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	349944	48.703	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	215575	54.307	ug/l	98
56) Ethyl methacrylate	10.40	69	319049	52.814	ug/l	98
57) 1,3-Dichloropropane	10.68	76	374951	53.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	798709	255.320	ug/l	100
59) 2-Hexanone	10.72	43	1042807	295.703	ug/l	99
60) Dibromochloromethane	10.87	129	236477	53.884	ug/l	98
61) 1,2-Dibromoethane	10.98	107	224448	54.392	ug/l	99
64) Tetrachloroethene	10.60	164	224431	55.284	ug/l	95
65) Chlorobenzene	11.41	112	581218	51.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	213484	50.499	ug/l	98
67) Ethyl Benzene	11.49	91	1093370	52.637	ug/l	99
68) m/p-Xylenes	11.60	106	803874	104.490	ug/l	98
69) o-Xylene	11.92	106	385398	51.856	ug/l	98
70) Styrene	11.94	104	678542	53.124	ug/l	99
71) Bromoform	12.10	173	148896	51.899	ug/l #	99
73) Isopropylbenzene	12.23	105	1033722	50.869	ug/l	99
74) N-amyl acetate	12.05	43	438527	52.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	294852	50.327	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	250899m	48.197	ug/l	
77) Bromobenzene	12.50	156	262019	57.012	ug/l	84
78) n-propylbenzene	12.57	91	1209190	51.422	ug/l	99
79) 2-Chlorotoluene	12.65	91	715901	50.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	853317	50.448	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	84569	39.265	ug/l	92
82) 4-Chlorotoluene	12.75	91	745470	51.035	ug/l	100
83) tert-Butylbenzene	12.97	119	697237	48.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	870339	51.048	ug/l	98
85) sec-Butylbenzene	13.15	105	925565	48.956	ug/l	99
86) p-Isopropyltoluene	13.26	119	826052	49.213	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	440292	52.150	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	440958	50.440	ug/l	99
89) n-Butylbenzene	13.59	91	721901	46.554	ug/l	99
90) Hexachloroethane	13.85	117	138317	44.515	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	438151	53.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64239	49.873	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	215379	47.053	ug/l	98
94) Hexachlorobutadiene	14.98	225	73341	42.891	ug/l	98
95) Naphthalene	15.10	128	794892	52.051	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	208914	46.847	ug/l	98

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

