

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059246.D
 Acq On : 14 Nov 2019 19:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 11:39:53 AM

Quant Time: Nov 15 08:22:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	397976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	624779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	572591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	277127	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	234890	48.01	ug/l	0.00
Spiked Amount						
			Recovery	=	96.02%	
35) Dibromofluoromethane	7.57	113	192735	51.66	ug/l	0.00
Spiked Amount						
			Recovery	=	103.32%	
50) Toluene-d8	10.08	98	728503	49.58	ug/l	0.00
Spiked Amount						
			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	274163	51.75	ug/l	0.00
Spiked Amount						
			Recovery	=	103.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	172650	43.057	ug/l	99
3) Chloromethane	2.04	50	236807	43.446	ug/l	100
4) Vinyl Chloride	2.17	62	239968	45.410	ug/l	100
5) Bromomethane	2.54	94	124990	41.101	ug/l	100
6) Chloroethane	2.68	64	147538	47.196	ug/l	100
7) Trichlorofluoromethane	3.00	101	307277	48.613	ug/l	98
8) Diethyl Ether	3.39	74	132446	51.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	184332	48.367	ug/l	99
10) Methyl Iodide	3.93	142	202254	42.875	ug/l	98
11) Tert butyl alcohol	4.75	59	248404	266.431	ug/l	98
12) 1,1-Dichloroethene	3.72	96	182220	49.083	ug/l	98
13) Acrolein	3.58	56	139077	289.325	ug/l	99
14) Allyl chloride	4.30	41	368125	48.273	ug/l	97
15) Acrylonitrile	4.95	53	649306	279.841	ug/l	100
16) Acetone	3.79	43	529128	207.989	ug/l	99
17) Carbon Disulfide	4.03	76	478447	41.516	ug/l	99
18) Methyl Acetate	4.29	43	338542	56.064	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	678962	53.120	ug/l	100
20) Methylene Chloride	4.53	84	220663	49.788	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	196523	49.316	ug/l	97
22) Diisopropyl ether	5.92	45	751387	52.164	ug/l	99
23) Vinyl Acetate	5.87	43	3122134	279.671	ug/l	99
24) 1,1-Dichloroethane	5.82	63	407603	50.664	ug/l	98
25) 2-Butanone	6.81	43	863008	257.394	ug/l	99
26) 2,2-Dichloropropane	6.80	77	332973	47.332	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	236750	51.209	ug/l	98
28) Bromochloromethane	7.17	49	112457	46.461	ug/l	99
29) Tetrahydrofuran	7.18	42	581105	272.767	ug/l	98
30) Chloroform	7.35	83	397266	51.476	ug/l	97
31) Cyclohexane	7.63	56	338581	44.455	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	333915	51.463	ug/l	100
36) 1,1-Dichloropropene	7.77	75	290965	49.824	ug/l	99
37) Ethyl Acetate	6.90	43	347778	53.532	ug/l	99
38) Carbon Tetrachloride	7.75	117	293219	50.446	ug/l	99

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39) Methylcyclohexane	9.07	83	324482	47.875	ug/l	99
40) Benzene	8.02	78	896750	50.993	ug/l	98
41) Methacrylonitrile	7.15	41	131410m	46.516	ug/l	
42) 1,2-Dichloroethane	8.10	62	305664	50.678	ug/l	100
43) Isopropyl Acetate	8.14	43	547611	52.872	ug/l	99
44) Trichloroethene	8.82	130	217976	50.423	ug/l	96
45) 1,2-Dichloropropane	9.10	63	248733	52.073	ug/l	100
46) Dibromomethane	9.19	93	151380	50.858	ug/l	99
47) Bromodichloromethane	9.39	83	316275	53.212	ug/l	98
48) Methyl methacrylate	9.18	41	243740	52.612	ug/l	97
49) 1,4-Dioxane	9.18	88	89053	1081.636	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1764700	301.121	ug/l	99
52) Toluene	10.15	92	547467	51.940	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	355180	51.723	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	383911	51.974	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	226122	53.008	ug/l	99
56) Ethyl methacrylate	10.42	69	362445	50.906	ug/l	98
57) 1,3-Dichloropropane	10.70	76	388057	52.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	710305	299.197	ug/l	99
59) 2-Hexanone	10.74	43	1300228	289.058	ug/l	99
60) Dibromochloromethane	10.90	129	243371	53.960	ug/l	99
61) 1,2-Dibromoethane	11.00	107	230219	53.312	ug/l	99
64) Tetrachloroethene	10.62	164	188186	48.333	ug/l	98
65) Chlorobenzene	11.43	112	580135	51.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	223154	53.295	ug/l	98
67) Ethyl Benzene	11.51	91	1053933	53.218	ug/l	99
68) m/p-Xylenes	11.62	106	787387	106.141	ug/l	99
69) o-Xylene	11.94	106	376421	52.506	ug/l	99
70) Styrene	11.96	104	625563	55.482	ug/l	100
71) Bromoform	12.13	173	178613	54.841	ug/l #	99
73) Isopropylbenzene	12.25	105	1032949	51.242	ug/l	100
74) N-amyl acetate	12.07	43	455640	53.342	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	356416	51.919	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	324003m	51.354	ug/l	
77) Bromobenzene	12.53	156	248175	49.002	ug/l	99
78) n-propylbenzene	12.59	91	1199671	51.976	ug/l	99
79) 2-Chlorotoluene	12.67	91	717424	50.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	872982	51.108	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	124936	52.303	ug/l	98
82) 4-Chlorotoluene	12.77	91	726127	50.562	ug/l	99
83) tert-Butylbenzene	12.99	119	749216	50.791	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	879218	53.202	ug/l	99
85) sec-Butylbenzene	13.17	105	1003941	52.331	ug/l	100
86) p-Isopropyltoluene	13.29	119	901924	53.245	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	440639	50.808	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	434700	50.096	ug/l	99
89) n-Butylbenzene	13.62	91	765279	51.618	ug/l	100
90) Hexachloroethane	13.88	117	168141	49.433	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	439993	51.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71731	52.372	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245418	47.571	ug/l	99
94) Hexachlorobutadiene	15.01	225	147219	50.046	ug/l	99
95) Naphthalene	15.13	128	678927	47.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	246718	51.602	ug/l	99

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

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