

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121919\
 Data File : VN059673.D
 Acq On : 19 Dec 2019 17:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/20/2019 9:20:40 AM

Quant Time: Dec 20 03:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	318872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	467010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	386019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	195297	42.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.18%	
35) Dibromofluoromethane	7.56	113	151792	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.08	98	615430	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.40	95	226137	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	170100	41.282	ug/l	99
3) Chloromethane	2.04	50	191219	29.244	ug/l	99
4) Vinyl Chloride	2.17	62	186330	30.050	ug/l	99
5) Bromomethane	2.54	94	137162	38.050	ug/l	99
6) Chloroethane	2.68	64	130158	37.348	ug/l	97
7) Trichlorofluoromethane	3.00	101	257618	37.866	ug/l	99
8) Diethyl Ether	3.38	74	95006	44.694	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	169910	49.558	ug/l	98
10) Methyl Iodide	3.92	142	238368	52.517	ug/l	95
11) Tert butyl alcohol	4.75	59	175032	205.757	ug/l	98
12) 1,1-Dichloroethene	3.71	96	169985	50.825	ug/l	99
13) Acrolein	3.58	56	147996	244.233	ug/l	98
14) Allyl chloride	4.29	41	301109	43.856	ug/l	# 87
15) Acrylonitrile	4.94	53	480414	233.475	ug/l	99
16) Acetone	3.78	43	493021	178.965	ug/l	96
17) Carbon Disulfide	4.02	76	529644	46.168	ug/l	99
18) Methyl Acetate	4.29	43	251734	43.609	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	525248	44.479	ug/l	100
20) Methylene Chloride	4.51	84	185701	46.674	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	161997	43.449	ug/l	97
22) Diisopropyl ether	5.91	45	669642	52.903	ug/l	97
23) Vinyl Acetate	5.86	43	2786486	280.515	ug/l	100
24) 1,1-Dichloroethane	5.82	63	368119	51.340	ug/l	99
25) 2-Butanone	6.80	43	745138	226.193	ug/l	98
26) 2,2-Dichloropropane	6.79	77	297730	45.687	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	211367	51.160	ug/l	97
28) Bromochloromethane	7.17	49	150639	49.997	ug/l	99
29) Tetrahydrofuran	7.18	42	501391	249.803	ug/l	99
30) Chloroform	7.35	83	338743	47.995	ug/l	99
31) Cyclohexane	7.63	56	331328	48.905	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	285679	44.897	ug/l	98
36) 1,1-Dichloropropene	7.77	75	260220	53.431	ug/l	99
37) Ethyl Acetate	6.90	43	309680	54.709	ug/l	98
38) Carbon Tetrachloride	7.75	117	246723	48.820	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	267295	48.386	ug/l	98
40) Benzene	8.02	78	795721	55.908	ug/l	99
41) Methacrylonitrile	7.14	41	139882m	59.879	ug/l	
42) 1,2-Dichloroethane	8.10	62	261900	48.050	ug/l	95
43) Isopropyl Acetate	8.14	43	471108	53.532	ug/l	98
44) Trichloroethene	8.81	130	177824	47.699	ug/l	96
45) 1,2-Dichloropropane	9.10	63	189909	49.412	ug/l	100
46) Dibromomethane	9.19	93	112983	44.871	ug/l	93
47) Bromodichloromethane	9.38	83	236812	47.172	ug/l	98
48) Methyl methacrylate	9.18	41	173148	43.365	ug/l #	87
49) 1,4-Dioxane	9.18	88	53740	939.194	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	1472446	280.621	ug/l	95
52) Toluene	10.14	92	470487	53.800	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	257077	44.278	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	349982	57.346	ug/l #	89
55) 1,1,2-Trichloroethane	10.55	97	164780	48.018	ug/l	99
56) Ethyl methacrylate	10.42	69	257044	50.457	ug/l #	86
57) 1,3-Dichloropropane	10.70	76	300144	50.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	608004	375.264	ug/l	100
59) 2-Hexanone	10.74	43	905359	218.928	ug/l	92
60) Dibromochloromethane	10.89	129	185673	49.575	ug/l	100
61) 1,2-Dibromoethane	10.99	107	195621	53.751	ug/l	100
64) Tetrachloroethene	10.62	164	173666	48.261	ug/l	97
65) Chlorobenzene	11.43	112	494430	59.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	181933	57.346	ug/l	99
67) Ethyl Benzene	11.50	91	884158	58.644	ug/l	99
68) m/p-Xylenes	11.62	106	593364	106.580	ug/l	97
69) o-Xylene	11.94	106	279004	52.669	ug/l	98
70) Styrene	11.96	104	465121	54.648	ug/l	98
71) Bromoform	12.12	173	150979	63.309	ug/l #	98
73) Isopropylbenzene	12.25	105	862455	56.056	ug/l	100
74) N-amyl acetate	12.06	43	399290	56.577	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	272493	55.833	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	268778m	55.396	ug/l	
77) Bromobenzene	12.52	156	211710	55.954	ug/l	97
78) n-propylbenzene	12.59	91	1023954	56.301	ug/l	100
79) 2-Chlorotoluene	12.67	91	605319	55.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	727204	55.853	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	112554	57.296	ug/l	92
82) 4-Chlorotoluene	12.77	91	613944	54.524	ug/l	100
83) tert-Butylbenzene	12.99	119	584810	53.038	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	707661	54.661	ug/l	99
85) sec-Butylbenzene	13.17	105	718531	48.989	ug/l	100
86) p-Isopropyltoluene	13.28	119	661083	49.765	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	334204	48.035	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	342517	48.828	ug/l	99
89) n-Butylbenzene	13.61	91	594582	47.741	ug/l	99
90) Hexachloroethane	13.87	117	122275	48.696	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	337595	49.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53824	40.622	ug/l	88

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93) 1,2,4-Trichlorobenzene	14.91	180	201966	45.583	ug/l	98
94) Hexachlorobutadiene	15.00	225	113713	49.197	ug/l	100
95) Naphthalene	15.12	128	555836	42.022	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	188949	42.164	ug/l	98

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

