

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059568.D
 Acq On : 12 Dec 2019 11:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/13/2019 2:16:59 PM

Quant Time: Dec 13 08:32:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	257837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	415480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	382856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	195171	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
35) Dibromofluoromethane	7.56	113	137667	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
50) Toluene-d8	10.08	98	533171	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.40	95	198276	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	150975	50.767	ug/l	100
3) Chloromethane	2.04	50	229906	51.070	ug/l	99
4) Vinyl Chloride	2.17	62	236762	53.358	ug/l	100
5) Bromomethane	2.54	94	141584	52.386	ug/l	99
6) Chloroethane	2.68	64	137490	51.890	ug/l	98
7) Trichlorofluoromethane	3.00	101	277366	52.291	ug/l	100
8) Diethyl Ether	3.38	74	97371	53.564	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	137159	49.686	ug/l	99
10) Methyl Iodide	3.92	142	185817	49.711	ug/l	99
11) Tert butyl alcohol	4.74	59	163312	273.937	ug/l	99
12) 1,1-Dichloroethene	3.71	96	131850	49.132	ug/l	95
13) Acrolein	3.57	56	103357	356.266	ug/l	98
14) Allyl chloride	4.29	41	270398	52.379	ug/l	99
15) Acrylonitrile	4.94	53	437942	278.525	ug/l	99
16) Acetone	3.78	43	475457	282.441	ug/l	100
17) Carbon Disulfide	4.02	76	410907	48.270	ug/l	99
18) Methyl Acetate	4.29	43	234217	52.994	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	509882	57.158	ug/l	100
20) Methylene Chloride	4.52	84	169230	55.818	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	148922	51.704	ug/l	97
22) Diisopropyl ether	5.91	45	561019	57.086	ug/l	98
23) Vinyl Acetate	5.86	43	2368113	288.868	ug/l	100
24) 1,1-Dichloroethane	5.81	63	300875	53.923	ug/l	99
25) 2-Butanone	6.80	43	653493	288.404	ug/l	100
26) 2,2-Dichloropropane	6.79	77	269617	53.487	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	172991	53.397	ug/l	99
28) Bromochloromethane	7.17	49	108815	51.014	ug/l	100
29) Tetrahydrofuran	7.18	42	419196	265.966	ug/l	100
30) Chloroform	7.35	83	300344	54.540	ug/l	99
31) Cyclohexane	7.63	56	267402	49.245	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	259131	53.043	ug/l	100
36) 1,1-Dichloropropene	7.77	75	223958	52.539	ug/l	99
37) Ethyl Acetate	6.90	43	264179	53.049	ug/l	99
38) Carbon Tetrachloride	7.75	117	229896	54.716	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	260640	54.510	ug/l	98
40) Benzene	8.02	78	654773	53.770	ug/l	99
41) Methacrylonitrile	7.15	41	118364m	57.138	ug/l	
42) 1,2-Dichloroethane	8.10	62	257795	56.820	ug/l	99
43) Isopropyl Acetate	8.14	43	420980	57.212	ug/l	99
44) Trichloroethene	8.82	130	165826	53.903	ug/l	96
45) 1,2-Dichloropropane	9.10	63	180998	56.108	ug/l	100
46) Dibromomethane	9.19	93	117931	55.317	ug/l	98
47) Bromodichloromethane	9.39	83	239582	56.545	ug/l	100
48) Methyl methacrylate	9.18	41	191771	59.605	ug/l	99
49) 1,4-Dioxane	9.18	88	58695	1425.856	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1300681	278.294	ug/l	100
52) Toluene	10.14	92	405562	55.897	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	283892	57.507	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	294628	58.313	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	163485	55.713	ug/l	99
56) Ethyl methacrylate	10.42	69	259154	51.213	ug/l	100
57) 1,3-Dichloropropane	10.70	76	286406	57.148	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	431376	358.844	ug/l	100
59) 2-Hexanone	10.74	43	988448	276.559	ug/l	100
60) Dibromochloromethane	10.90	129	185038	52.775	ug/l	99
61) 1,2-Dibromoethane	11.00	107	171841	56.252	ug/l	99
64) Tetrachloroethene	10.62	164	158104	56.504	ug/l	100
65) Chlorobenzene	11.43	112	430950	53.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	166347	55.598	ug/l	99
67) Ethyl Benzene	11.51	91	795853	55.131	ug/l	100
68) m/p-Xylenes	11.62	106	592434	109.401	ug/l	98
69) o-Xylene	11.94	106	283583	56.263	ug/l	96
70) Styrene	11.96	104	475760	56.975	ug/l	99
71) Bromoform	12.12	173	131504	55.860	ug/l #	100
73) Isopropylbenzene	12.25	105	766405	54.195	ug/l	99
74) N-amyl acetate	12.07	43	368878	59.882	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	246132	51.364	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	251336m	52.132	ug/l	
77) Bromobenzene	12.52	156	182572	51.857	ug/l	93
78) n-propylbenzene	12.59	91	923016	53.115	ug/l	99
79) 2-Chlorotoluene	12.67	91	539346	52.049	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	651074	53.688	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	97868	54.616	ug/l	89
82) 4-Chlorotoluene	12.77	91	568964	53.698	ug/l	99
83) tert-Butylbenzene	12.99	119	543168	53.712	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	656249	54.805	ug/l	99
85) sec-Butylbenzene	13.17	105	756301	54.449	ug/l	99
86) p-Isopropyltoluene	13.29	119	699466	56.342	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	341062	52.595	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	336957	53.068	ug/l	99
89) n-Butylbenzene	13.61	91	650093	55.769	ug/l	98
90) Hexachloroethane	13.87	117	128133	56.200	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	330183	54.258	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56825	51.643	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	205668	48.864	ug/l	99
94) Hexachlorobutadiene	15.01	225	110805	51.530	ug/l	100
95) Naphthalene	15.12	128	601413	48.881	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	195636	47.829	ug/l	98

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

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