Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122818\
Data File : VN053222.D
Acq On : 28 Dec 2018 13:54
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
1/2/2019 9:49:13 AM

Quant Time: Dec 28 22:51:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.66	168	881704	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1318287	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1187234	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	569096	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	460366	51.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.90%				
35) Dibromofluoromethane	7.59	113	387269	64.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 128.62%				
50) Toluene-d8	10.09	98	1670218	51.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.34%				
62) 4-Bromofluorobenzene	12.40	95	596306	52.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	406420	45.545	ug/l		100
3) Chloromethane	2.06	50	499934	46.233	ug/l		99
4) Vinyl Chloride	2.19	62	510254	46.592	ug/l		99
5) Bromomethane	2.57	94	347613	45.814	ug/l		98
6) Chloroethane	2.71	64	310355	47.850	ug/l		98
7) Trichlorofluoromethane	3.02	101	679785	49.827	ug/l		99
8) Diethyl Ether	3.41	74	261816	50.870	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	450349	51.773	ug/l		98
10) Methyl Iodide	3.96	142	618627	50.642	ug/l		100
11) Tert butyl alcohol	4.78	59	135475	248.146	ug/l	#	88
12) 1,1-Dichloroethene	3.74	96	412238	49.054	ug/l		99
13) Acrolein	3.61	56	148322	299.620	ug/l		100
14) Allyl chloride	4.33	41	667717	51.295	ug/l		97
15) Acrylonitrile	4.99	53	768350	253.328	ug/l		99
16) Acetone	3.81	43	464444	264.739	ug/l		97
17) Carbon Disulfide	4.06	76	1117727	40.783	ug/l		100
18) Methyl Acetate	4.32	43	440114	55.169	ug/l		100
19) Methyl tert-butyl Ether	5.04	73	1158659	51.521	ug/l		99
20) Methylene Chloride	4.55	84	481906	50.357	ug/l		99
21) trans-1,2-Dichloroethene	5.05	96	442594	49.018	ug/l		98
22) Diisopropyl ether	5.95	45	1507880	54.269	ug/l		97
23) Vinyl Acetate	5.89	43	4326375	270.780	ug/l		98
24) 1,1-Dichloroethane	5.85	63	856053	51.848	ug/l		99
25) 2-Butanone	6.83	43	795968	270.349	ug/l		98
26) 2,2-Dichloropropane	6.82	77	654297	51.913	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	521726	51.040	ug/l		98
28) Bromochloromethane	7.19	49	359666	50.271	ug/l		98
29) Tetrahydrofuran	7.21	42	555654	252.690	ug/l		99
30) Chloroform	7.37	83	840102	51.796	ug/l		98
31) Cyclohexane	7.65	56	778817	50.301	ug/l		100
32) 1,1,1-Trichloroethane	7.57	97	699322	50.613	ug/l		99
36) 1,1-Dichloropropene	7.79	75	648190	51.227	ug/l		100
37) Ethyl Acetate	6.93	43	367037	51.961	ug/l		98
38) Carbon Tetrachloride	7.77	117	607966	52.420	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	764795	49.755	ug/l		97
40) Benzene	8.04	78	1962284	52.137	ug/l		100
41) Methacrylonitrile	7.17	41	234231	57.391	ug/l		91
42) 1,2-Dichloroethane	8.12	62	574228	51.646	ug/l		99
43) Isopropyl Acetate	8.16	43	694131	50.796	ug/l		97
44) Trichloroethene	8.83	130	536989	49.328	ug/l		98
45) 1,2-Dichloropropane	9.12	63	527075	53.765	ug/l		99
46) Dibromomethane	9.21	93	292726	51.258	ug/l		99
47) Bromodichloromethane	9.40	83	644474	53.089	ug/l		100
48) Methyl methacrylate	9.20	41	353214	51.531	ug/l		99
49) 1,4-Dioxane	9.20	88	85081	981.270	ug/l		96
51) 4-Methyl-2-Pentanone	9.98	43	1827972	267.223	ug/l		100
52) Toluene	10.16	92	1214876	52.077	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	665098	52.103	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	781604	53.344	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	432915	53.193	ug/l		99
56) Ethyl methacrylate	10.43	69	569208	52.841	ug/l		97
57) 1,3-Dichloropropane	10.71	76	742479	53.201	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	1250875	211.515	ug/l		99
59) 2-Hexanone	10.75	43	1255338	271.234	ug/l		99
60) Dibromochloromethane	10.90	129	490478	52.649	ug/l		100
61) 1,2-Dibromoethane	11.00	107	429472	51.959	ug/l		100
64) Tetrachloroethene	10.63	164	574845	44.699	ug/l		99
65) Chlorobenzene	11.43	112	1368607	52.003	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	484255	52.913	ug/l		99
67) Ethyl Benzene	11.51	91	2364683	52.247	ug/l		100
68) m/p-Xylenes	11.62	106	1787160	103.870	ug/l		100
69) o-Xylene	11.95	106	862545	52.243	ug/l		99
70) Styrene	11.96	104	1456434	54.099	ug/l		99
71) Bromoform	12.13	173	331060	50.074	ug/l	#	99
73) Isopropylbenzene	12.25	105	2327480	52.271	ug/l		100
74) N-amyl acetate	12.07	43	622288	50.338	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	493541	56.498	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	429280m	44.809	ug/l		
77) Bromobenzene	12.53	156	598498	51.709	ug/l		98
78) n-propylbenzene	12.59	91	2674821	52.745	ug/l		100
79) 2-Chlorotoluene	12.67	91	1568919	49.912	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	1871756	51.573	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	147841	49.739	ug/l		97
82) 4-Chlorotoluene	12.77	91	1610690	52.345	ug/l		100
83) tert-Butylbenzene	12.99	119	1640686	51.115	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1900018	52.077	ug/l		100
85) sec-Butylbenzene	13.17	105	2210142	50.907	ug/l		99
86) p-Isopropyltoluene	13.29	119	1935799	51.601	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	1065920	52.033	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	1045169	50.381	ug/l		100
89) n-Butylbenzene	13.62	91	1642857	50.903	ug/l		100
90) Hexachloroethane	13.88	117	306603	53.258	ug/l		100
91) 1,2-Dichlorobenzene	13.65	146	1003866	52.068	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	71663	47.446	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	499982	48.961	ug/l	100
94) Hexachlorobutadiene	15.01	225	319224	60.990	ug/l	99
95) Naphthalene	15.13	128	1009258	45.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	434447	47.260	ug/l	99

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

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