Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
Data File : BF111228.D
Acq On : 8 Dec 2018 14:25
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
12/10/2018 4:59:20 PM

Quant Time: Dec 10 11:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 00:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	518424	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2106656	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	962001	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1601302	20.00	ng		0.00
76) Chrysene-d12	13.96	240	925571	20.00	ng		0.00
87) Perylene-d12	15.39	264	886023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	4462412	134.41	ng		0.01
7) Phenol-d6	6.45	99	5698532	133.58	ng		0.01
23) Nitrobenzene-d5	7.37	82	5354253	149.98	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	1109626	143.46	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	6801957	118.90	ng		0.00
79) Terphenyl-d14	12.91	244	5456981	122.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	1228095	65.522	ng		99
3) Pyridine	3.26	79	3405681	79.917	ng		100
4) n-Nitrosodimethylamine	3.22	42	1504002	73.203	ng		96
6) Aniline	6.47	93	4015445	70.580	ng		100
8) 2-Chlorophenol	6.60	128	2611235	68.351	ng		96
9) Benzaldehyde	6.35	77	1450119	61.106	ng		99
10) Phenol	6.46	94	3325854m	70.768	ng		
11) bis(2-Chloroethyl)ether	6.55	93	2683627	70.449	ng		96
12) 1,3-Dichlorobenzene	6.75	146	2805640	68.908	ng		98
13) 1,4-Dichlorobenzene	6.82	146	2792013	68.088	ng		97
14) 1,2-Dichlorobenzene	6.98	146	2464244	64.857	ng		96
15) Benzyl Alcohol	6.95	79	2256392	67.059	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	4925907	67.009	ng		97
17) 2-Methylphenol	7.06	107	2284109	72.771	ng		98
18) Hexachloroethane	7.32	117	1094469	71.377	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	1996791	69.953	ng		97
20) 3+4-Methylphenols	7.22	107	2370976	62.417	ng		97
22) Acetophenone	7.22	105	3297274	65.181	ng		97
24) Nitrobenzene	7.39	77	2758005	71.922	ng		95
25) Isophorone	7.64	82	4842903	74.202	ng		99
26) 2-Nitrophenol	7.70	139	1504454	90.535	ng		98
27) 2,4-Dimethylphenol	7.75	122	2172363	71.308	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	3139578	71.022	ng		99
29) 2,4-Dichlorophenol	7.95	162	2188242	72.969	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	2145810	70.817	ng		99
31) Naphthalene	8.11	128	5948498	64.787	ng	#	93
32) Benzoic acid	7.90	122	2029540	97.411	ng		94
33) 4-Chloroaniline	8.16	127	3295377	74.482	ng		99
34) Hexachlorobutadiene	8.23	225	1155220	70.249	ng		98
35) Caprolactam	8.56	113	845772m	76.673	ng		
36) 4-Chloro-3-methylphenol	8.65	107	2318098	70.953	ng		99
37) 2-Methylnaphthalene	8.80	142	4071479	64.610	ng		97
38) 1-Methylnaphthalene	8.90	142	3891882	64.151	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1729633	67.370	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1076240	78.650	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	1390373	73.818	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	1440395	75.247	ng		97
46) 1,1'-Biphenyl	9.27	154	4884504	62.148	ng		92
47) 2-Chloronaphthalene	9.29	162	4094079	66.957	ng		96
48) 2-Nitroaniline	9.39	65	1598977	79.938	ng		93
51) 2,6-Dinitrotoluene	9.63	165	1160035	81.201	ng	#	85
52) Acenaphthene	9.88	154	3768232	66.537	ng		98
53) 3-Nitroaniline	9.80	138	1428215	79.576	ng		97
54) 2,4-Dinitrophenol	9.90	184	512229	120.821	ng		88
55) Dibenzofuran	10.05	168	4974689	63.957	ng		91
56) 4-Nitrophenol	9.96	139	1147321	84.356	ng		95
57) 2,4-Dinitrotoluene	10.03	165	1474020	79.451	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	1071604	74.839	ng		97
60) Diethylphthalate	10.27	149	4440776	66.371	ng		97
62) 4-Nitroaniline	10.42	138	1401585	85.693	ng		98
63) Azobenzene	10.55	77	4526126	63.807	ng		95
65) 4,6-Dinitro-2-methylphenol	10.44	198	748951	105.636	ng		98
66) n-Nitrosodiphenylamine	10.50	169	3739645	66.785	ng		96
67) 4-Bromophenyl-phenylether	10.87	248	1203927	70.676	ng		99
68) Hexachlorobenzene	10.95	284	1234117	70.790	ng		97
69) Atrazine	11.03	200	1056906	69.360	ng		100
70) Pentachlorophenol	11.13	266	930292	80.299	ng		97
74) Di-n-butylphthalate	11.89	149	5793931	61.257	ng		96
75) Fluoranthene	12.54	202	4931664	65.260	ng		98
77) Benzidine	12.65	184	1969518	62.733	ng		95
78) Pyrene	12.76	202	5036494	70.583	ng		96
80) Butylbenzylphthalate	13.39	149	2661298	76.994	ng		97
81) Benzo(a)anthracene	13.95	228	3624845	67.498	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	1400552	68.267	ng		99
83) Chrysene	13.99	228	3744046	69.665	ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	2945455	70.843	ng		97
85) Di-n-octyl phthalate	14.56	149	4789771	72.159	ng		97
86) Indeno(1,2,3-cd)pyrene	16.81	276	3711060	85.592	ng		99
88) Benzo(b)fluoranthene	14.99	252	3735558	74.433	ng		100
89) Benzo(k)fluoranthene	15.02	252	3142438	65.046	ng		99
90) Benzo(a)pyrene	15.34	252	3346151	72.774	ng		99
91) Dibenzo(a,h)anthracene	16.83	278	2981083	77.360	ng		98
92) Benzo(g,h,i)perylene	17.24	276	3199548	82.604	ng		96

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

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