Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092424.D
Acq On : 24 Jan 2017 12:59
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
1/25/2017 3:49:19 PM

Quant Time: Jan 24 13:43:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 12:41:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157245m	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	647431	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	336746	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	547062	20.00	ng		0.00
75) Chrysene-d12	14.17	240	362401	20.00	ng		0.00
86) Perylene-d12	15.64	264	284528	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1387175	147.30	ng		0.01
7) Phenol-d6	6.60	99	1786713	155.40	ng		0.01
23) Nitrobenzene-d5	7.55	82	1789297	153.68	ng		0.01
41) 2,4,6-Tribromophenol	10.83	330	316809	113.68	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	2292111	130.67	ng		0.00
78) Terphenyl-d14	13.13	244	2208657	147.81	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	416442	89.82	ng	#	83
3) Pyridine	3.39	79	1233630	76.24	ng	#	85
4) n-Nitrosodimethylamine	3.36	42	606629	99.38	ng		78
6) Aniline	6.65	93	1461077m	97.84	ng		
8) 2-Chlorophenol	6.76	128	819835	76.53	ng		96
9) Benzaldehyde	6.52	77	613902	86.40	ng		94
10) Phenol	6.61	94	1027033	78.39	ng		81
11) bis(2-Chloroethyl)ether	6.72	93	907545	87.06	ng		98
12) 1,3-Dichlorobenzene	6.91	146	877148m	76.70	ng		
13) 1,4-Dichlorobenzene	6.99	146	838526m	72.04	ng		
14) 1,2-Dichlorobenzene	7.15	146	859919	85.14	ng		98
15) Benzyl Alcohol	7.12	79	644771	72.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1688374	108.76	ng		91
17) 2-Methylphenol	7.22	107	714200	82.90	ng		98
18) Hexachloroethane	7.49	117	326205	75.59	ng		98
19) n-Nitroso-di-n-propylamine	7.40	70	661940	86.54	ng		92
20) 3+4-Methylphenols	7.39	107	778611	75.77	ng	#	88
22) Acetophenone	7.39	105	972294	60.89	ng	#	85
24) Nitrobenzene	7.56	77	912534	73.59	ng		96
25) Isophorone	7.81	82	1756952	81.79	ng		97
26) 2-Nitrophenol	7.88	139	456896	74.71	ng		95
27) 2,4-Dimethylphenol	7.92	122	736100	72.57	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	1001904	76.91	ng		100
29) 2,4-Dichlorophenol	8.12	162	669845	77.99	ng		92
30) 1,2,4-Trichlorobenzene	8.21	180	745082	79.16	ng		99
31) Naphthalene	8.29	128	2291115	77.32	ng		99
32) Benzoic acid	8.08	122	674464	89.65	ng		96
33) 4-Chloroaniline	8.34	127	988818	74.01	ng		98
34) Hexachlorobutadiene	8.41	225	360167	72.50	ng		99
35) Caprolactam	8.74	113	262174m	92.89	ng		
36) 4-Chloro-3-methylphenol	8.82	107	726891	73.55	ng		99
37) 2-Methylnaphthalene	8.99	142	1494190	73.53	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	571337	67.15	ng		99
40) Hexachlorocyclopentadiene	9.14	237	333246	99.60	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	485579	81.61	ng		93
43) 2,4,5-Trichlorophenol	9.30	196	464120m	75.80	ng		
45) 1,1'-Biphenyl	9.46	154	1691172	73.35	ng		97
46) 2-Chloronaphthalene	9.48	162	1363819	74.69	ng		96
47) 2-Nitroaniline	9.57	65	502266	77.26	ng		96
48) Acenaphthylene	9.90	152	2238028	79.70	ng		99
49) Dimethylphthalate	9.77	163	1651948	76.70	ng		100
50) 2,6-Dinitrotoluene	9.82	165	405097	85.93	ng		96
51) Acenaphthene	10.08	154	1408754	73.99	ng		98
52) 3-Nitroaniline	10.00	138	487248	83.52	ng		93
54) Dibenzofuran	10.25	168	1870673	72.76	ng		94
55) 4-Nitrophenol	10.14	139	364731	92.08	ng		95
56) 2,4-Dinitrotoluene	10.22	165	425606	71.93	ng		96
57) Fluorene	10.59	166	1312845	70.18	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.36	232	357828	73.88	ng		98
59) Diethylphthalate	10.46	149	1384178	66.18	ng		98
60) 4-Chlorophenyl-phenylether	10.58	204	552838	67.50	ng		91
61) 4-Nitroaniline	10.62	138	476541	78.82	ng		91
62) Azobenzene	10.74	77	1611096	69.96	ng		95
64) 4,6-Dinitro-2-methylphenol	10.64	198	238301	72.04	ng	#	45
65) n-Nitrosodiphenylamine	10.70	169	1289046	79.41	ng		99
66) 4-Bromophenyl-phenylether	11.07	248	369461	64.92	ng		96
67) Hexachlorobenzene	11.14	284	416679	68.50	ng		96
68) Atrazine	11.23	200	405776	77.49	ng		100
69) Pentachlorophenol	11.33	266	296292	99.27	ng		98
70) Phenanthrene	11.55	178	2021702	68.15	ng		99
71) Anthracene	11.61	178	1992297	67.06	ng		99
72) Carbazole	11.76	167	1864057	67.82	ng		100
73) Di-n-butylphthalate	12.10	149	2426210	75.59	ng	#	98
74) Fluoranthene	12.75	202	2204735	74.49	ng		93
76) Benzidine	12.87	184	960261	91.43	ng	#	93
77) Pyrene	12.98	202	2251875	84.69	ng		99
79) Butylbenzylphthalate	13.60	149	961454	79.50	ng		87
80) Benzo(a)anthracene	14.16	228	1381982	67.56	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	523366	67.47	ng		99
82) Chrysene	14.20	228	1576665	76.84	ng		100
83) Bis(2-ethylhexyl)phthalate	14.16	149	1030224	72.34	ng	#	97
84) Di-n-octyl phthalate	14.76	149	1893976	71.79	ng		97
85) Indeno(1,2,3-cd)pyrene	17.14	276	1280859	72.05	ng	#	94
87) Benzo(b)fluoranthene	15.22	252	1393347	78.66	ng		98
88) Benzo(k)fluoranthene	15.24	252	1209566m	80.07	ng		
89) Benzo(a)pyrene	15.59	252	1211092	77.03	ng		97
90) Dibenzo(a,h)anthracene	17.16	278	1100659	85.17	ng		96
91) Benzo(g,h,i)perylene	17.60	276	1155056	85.96	ng	#	90

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

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