Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093767.D
Acq On : 20 Mar 2017 16:20
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/21/2017 2:45:20 PM

Quant Time: Mar 21 09:09:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	219006	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	909726	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	414027	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	695618	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	474751	20.00	ng		-0.02
86) Perylene-d12	15.39	264	433821	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1015669	81.10	ng		-0.01
7) Phenol-d6	6.47	99	1261675	81.53	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1342974	83.74	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	256149	79.88	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1846533	75.00	ng		-0.01
78) Terphenyl-d14	12.94	244	1930424	82.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	260961	41.12	ng		97
3) Pyridine	3.13	79	721097	42.41	ng		96
4) n-Nitrosodimethylamine	3.09	42	309765	42.25	ng		95
6) Aniline	6.49	93	867777	40.10	ng		99
8) 2-Chlorophenol	6.62	128	554720	40.27	ng		99
9) Benzaldehyde	6.38	77	452331	41.35	ng		100
10) Phenol	6.48	94	801266	46.06	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	577367	40.88	ng		100
12) 1,3-Dichlorobenzene	6.78	146	649587	41.58	ng		100
13) 1,4-Dichlorobenzene	6.86	146	673573	42.26	ng		100
14) 1,2-Dichlorobenzene	7.01	146	553914	37.89	ng		100
15) Benzyl Alcohol	6.97	79	466601	40.69	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	888902	39.58	ng		99
17) 2-Methylphenol	7.09	107	507401	41.97	ng		99
18) Hexachloroethane	7.35	117	234830	41.56	ng	#	73
19) n-Nitroso-di-n-propylamine	7.26	70	395511	39.01	ng		99
20) 3+4-Methylphenols	7.25	107	528621	36.93	ng		98
22) Acetophenone	7.25	105	693092	35.19	ng		99
24) Nitrobenzene	7.42	77	592744	38.69	ng		99
25) Isophorone	7.67	82	1117358	39.33	ng	#	90
26) 2-Nitrophenol	7.74	139	320280	46.23	ng		97
27) 2,4-Dimethylphenol	7.78	122	553582	38.85	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	711948	38.95	ng		98
29) 2,4-Dichlorophenol	7.98	162	495527	40.85	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	515804	40.95	ng		99
31) Naphthalene	8.15	128	1752589	41.50	ng		99
32) Benzoic acid	7.90	122	365879	41.29	ng		99
33) 4-Chloroaniline	8.20	127	681914	37.58	ng	#	86
34) Hexachlorobutadiene	8.28	225	267604	40.40	ng		99
35) Caprolactam	8.56	113	147144	38.65	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	528295	42.03	ng		95
37) 2-Methylnaphthalene	8.84	142	1107753	40.19	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	453296	41.34	ng		99
40) Hexachlorocyclopentadiene	9.00	237	226586	40.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	337610	42.41	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	301641	36.50	ng		99
45) 1,1'-Biphenyl	9.30	154	1328439	39.48	ng		99
46) 2-Chloronaphthalene	9.33	162	1038021	40.23	ng		99
47) 2-Nitroaniline	9.41	65	270828	37.59	ng		99
48) Acenaphthylene	9.74	152	1754112	41.78	ng		100
49) Dimethylphthalate	9.60	163	1083159	36.76	ng		100
50) 2,6-Dinitrotoluene	9.66	165	287375	44.43	ng		97
51) Acenaphthene	9.91	154	1013849	40.43	ng		99
52) 3-Nitroaniline	9.82	138	267879	34.50	ng		98
53) 2,4-Dinitrophenol	9.92	184	112062	44.13	ng	#	83
54) Dibenzofuran	10.08	168	1411000	41.81	ng		98
55) 4-Nitrophenol	9.98	139	265567	45.53	ng		89
56) 2,4-Dinitrotoluene	10.06	165	383592	46.71	ng		98
57) Fluorene	10.42	166	1046805	40.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	243605	42.91	ng		98
59) Diethylphthalate	10.30	149	1093218	38.07	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	412280	37.85	ng		98
61) 4-Nitroaniline	10.44	138	297662	42.85	ng		96
62) Azobenzene	10.57	77	1171439	41.24	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	153630	38.12	ng		93
65) n-Nitrosodiphenylamine	10.53	169	902252	38.91	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	291697	43.56	ng		92
67) Hexachlorobenzene	10.97	284	296462	42.94	ng		98
68) Atrazine	11.07	200	299969	42.14	ng		98
69) Pentachlorophenol	11.16	266	181001	44.83	ng		98
70) Phenanthrene	11.37	178	1338179	36.12	ng		100
71) Anthracene	11.43	178	1625880	42.63	ng		99
72) Carbazole	11.58	167	1526480	40.42	ng		100
73) Di-n-butylphthalate	11.92	149	1745778	42.95	ng		99
74) Fluoranthene	12.56	202	1592773	41.83	ng		95
76) Benzidine	12.68	184	820032	39.37	ng		98
77) Pyrene	12.78	202	1541392	39.01	ng		99
79) Butylbenzylphthalate	13.41	149	671894	38.05	ng	#	77
80) Benzo(a)anthracene	13.97	228	1209594	40.68	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	450371	40.19	ng	#	97
82) Chrysene	14.00	228	1032375	34.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	900357	42.33	ng	#	97
84) Di-n-octyl phthalate	14.59	149	1665457	42.92	ng		100
85) Indeno(1,2,3-cd)pyrene	16.75	276	929235	38.19	ng		99
87) Benzo(b)fluoranthene	14.99	252	1075779	36.78	ng		99
88) Benzo(k)fluoranthene	15.02	252	1032915m	47.83	ng		
89) Benzo(a)pyrene	15.33	252	993034	41.87	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	804474	40.85	ng		98
91) Benzo(g,h,i)perylene	17.16	276	789866	40.41	ng		98

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

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