Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090082.D
Acq On : 15 Sep 2016 9:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
9/15/2016 4:18:26 PM

Quant Time: Sep 15 11:31:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	165489	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	670414	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	337101	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	599266	20.00	ng		0.00
75) Chrysene-d12	13.67	240	456267	20.00	ng		0.00
86) Perylene-d12	14.99	264	405799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	920726	89.48	ng		0.00
7) Phenol-d6	6.20	99	1057573	78.51	ng		0.00
23) Nitrobenzene-d5	7.13	82	975669	81.83	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	266336	78.65	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1547949	72.12	ng		0.00
78) Terphenyl-d14	12.64	244	1407241	73.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	213951	39.82	ng		99
3) Pyridine	2.59	79	587892	42.98	ng		97
4) n-Nitrosodimethylamine	2.56	42	176928	41.09	ng		92
6) Aniline	6.22	93	707708	42.33	ng		99
8) 2-Chlorophenol	6.34	128	492436	41.54	ng	#	81
9) Benzaldehyde	6.09	77	303827	42.32	ng		99
10) Phenol	6.22	94	560829	37.09	ng		99
11) bis(2-Chloroethyl)ether	6.30	93	484335	39.94	ng		99
12) 1,3-Dichlorobenzene	6.49	146	489982	40.18	ng		99
13) 1,4-Dichlorobenzene	6.57	146	512770	40.73	ng		99
14) 1,2-Dichlorobenzene	6.73	146	428985	37.50	ng		99
15) Benzyl Alcohol	6.71	79	306014	40.34	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	599410	41.71	ng		97
17) 2-Methylphenol	6.83	107	398160	41.06	ng		98
18) Hexachloroethane	7.06	117	176771	38.69	ng		100
19) n-Nitroso-di-n-propylamine	6.99	70	323253	38.61	ng		99
20) 3+4-Methylphenols	6.99	107	491376	41.74	ng		98
22) Acetophenone	6.98	105	687801	42.38	ng		99
24) Nitrobenzene	7.14	77	491876	39.16	ng		98
25) Isophorone	7.39	82	996261	39.90	ng		99
26) 2-Nitrophenol	7.46	139	260170	42.72	ng		99
27) 2,4-Dimethylphenol	7.52	122	455951	42.55	ng		100
28) bis(2-Chloroethoxy)methane	7.61	93	573776	39.18	ng		99
29) 2,4-Dichlorophenol	7.71	162	392108	41.43	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	369505	39.57	ng		98
31) Naphthalene	7.86	128	1278824	38.81	ng		100
32) Benzoic acid	7.68	122	341393	39.72	ng		97
33) 4-Chloroaniline	7.92	127	551502	39.32	ng		100
34) Hexachlorobutadiene	7.99	225	187599	39.23	ng		99
35) Caprolactam	8.31	113	127466	40.33	ng		97
36) 4-Chloro-3-methylphenol	8.41	107	436794	39.75	ng		99
37) 2-Methylnaphthalene	8.55	142	821039	40.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	319535	36.86	ng		99
40) Hexachlorocyclopentadiene	8.71	237	173588	38.53	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	240176	38.23	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	264351	39.12	ng		98
45) 1,1'-Biphenyl	9.02	154	988171	35.82	ng		100
46) 2-Chloronaphthalene	9.04	162	794786	38.88	ng		99
47) 2-Nitroaniline	9.14	65	276734	42.41	ng		96
48) Acenaphthylene	9.45	152	1371375	39.95	ng		100
49) Dimethylphthalate	9.34	163	1018860	40.69	ng		99
50) 2,6-Dinitrotoluene	9.39	165	229303	40.98	ng	#	56
51) Acenaphthene	9.62	154	768189	40.07	ng		100
52) 3-Nitroaniline	9.55	138	272230	39.99	ng		99
53) 2,4-Dinitrophenol	9.66	184	124112	40.80	ng		95
54) Dibenzofuran	9.79	168	1069220	40.33	ng		100
55) 4-Nitrophenol	9.72	139	197283	41.18	ng		97
56) 2,4-Dinitrotoluene	9.78	165	244622	35.86	ng		99
57) Fluorene	10.12	166	757046	37.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	188258	36.52	ng		98
59) Diethylphthalate	10.02	149	882024	36.39	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	315976	38.85	ng		99
61) 4-Nitroaniline	10.17	138	281241	40.81	ng		99
62) Azobenzene	10.28	77	925443	36.38	ng		100
64) 4,6-Dinitro-2-methylphenol	10.19	198	170109	41.98	ng		92
65) n-Nitrosodiphenylamine	10.25	169	710346	37.41	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	244579	42.34	ng		98
67) Hexachlorobenzene	10.67	284	272658	40.05	ng		99
68) Atrazine	10.79	200	250810	44.45	ng		99
69) Pentachlorophenol	10.87	266	177311	44.46	ng		99
70) Phenanthrene	11.07	178	1138417	39.31	ng		100
71) Anthracene	11.13	178	1223850	38.71	ng		100
72) Carbazole	11.29	167	1314860	40.54	ng		100
73) Di-n-butylphthalate	11.63	149	1342555	36.91	ng		100
74) Fluoranthene	12.25	202	1128488	37.19	ng		100
76) Benzidine	12.39	184	757171	40.68	ng		100
77) Pyrene	12.48	202	1266982	38.05	ng		100
79) Butylbenzylphthalate	13.12	149	642867	38.77	ng		98
80) Benzo(a)anthracene	13.66	228	1015734	38.14	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	440368	39.45	ng		99
82) Chrysene	13.69	228	822772	32.93	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	759214	37.02	ng		100
84) Di-n-octyl phthalate	14.29	149	1340852	36.57	ng		100
85) Indeno(1,2,3-cd)pyrene	16.18	276	763387	35.17	ng		100
87) Benzo(b)fluoranthene	14.64	252	1119119m	47.04	ng		
88) Benzo(k)fluoranthene	14.67	252	697418m	32.56	ng		
89) Benzo(a)pyrene	14.95	252	850991	39.89	ng		98
90) Dibenzo(a,h)anthracene	16.19	278	635002	38.01	ng		97
91) Benzo(g,h,i)perylene	16.53	276	599507	37.60	ng		99

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

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