Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082516\
Data File : BF089909.D
Acq On : 25 Aug 2016 11:28
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/25/2016 7:42:37 PM

Quant Time: Aug 25 19:24:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	654726	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	2504352	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	1196528	20.00	ng		-0.01
63) Phenanthrene-d10	11.18	188	2092545	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	1396766	20.00	ng		-0.05
86) Perylene-d12	15.28	264	1295537	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	2850394	74.66	ng		-0.02
7) Phenol-d6	6.31	99	3333641	71.13	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2852404	70.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	934761	82.20	ng		-0.01
44) 2-Fluorobiphenyl	9.03	172	4891736	71.85	ng		-0.02
78) Terphenyl-d14	12.77	244	3818896	61.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	728497	38.56	ng	#	90
3) Pyridine	2.74	79	1931945	38.99	ng		89
4) n-Nitrosodimethylamine	2.71	42	630953	34.20	ng	#	63
6) Aniline	6.32	93	2292787	36.47	ng	#	41
8) 2-Chlorophenol	6.44	128	1673603	36.66	ng		87
9) Benzaldehyde	6.20	77	1087485m	35.62	ng		
10) Phenol	6.32	94	1749030	31.84	ng		87
11) bis(2-Chloroethyl)ether	6.41	93	1738636	40.82	ng		92
12) 1,3-Dichlorobenzene	6.60	146	1914924m	40.12	ng		
13) 1,4-Dichlorobenzene	6.68	146	1862284m	37.96	ng		
14) 1,2-Dichlorobenzene	6.83	146	1645406	35.93	ng		95
15) Benzyl Alcohol	6.81	79	1009896	32.49	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	2069659	37.97	ng		93
17) 2-Methylphenol	6.94	107	1458686	40.79	ng		95
18) Hexachloroethane	7.18	117	686428	39.23	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	969299	32.34	ng	#	87
20) 3+4-Methylphenols	7.10	107	1653133	37.71	ng	#	45
22) Acetophenone	7.08	105	2196749	38.20	ng	#	85
24) Nitrobenzene	7.26	77	1891040	41.81	ng	#	87
25) Isophorone	7.50	82	3070267	37.76	ng		95
26) 2-Nitrophenol	7.56	139	869669	38.54	ng	#	83
27) 2,4-Dimethylphenol	7.62	122	1674837	41.18	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1790344	35.59	ng		96
29) 2,4-Dichlorophenol	7.82	162	1481059	43.40	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	1504290	39.85	ng		97
31) Naphthalene	7.98	128	4587641	39.20	ng		98
32) Benzoic acid	7.76	122	1093610	34.51	ng		95
33) 4-Chloroaniline	8.02	127	1771890	34.92	ng	#	91
34) Hexachlorobutadiene	8.10	225	764588	38.68	ng		96
35) Caprolactam	8.42	113	456866	43.96	ng	#	77
36) 4-Chloro-3-methylphenol	8.51	107	1279210	34.61	ng		94
37) 2-Methylnaphthalene	8.66	142	2692488	35.56	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1485111	38.33	ng		97
40) Hexachlorocyclopentadiene	8.82	237	637083	47.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	1000013	41.02	ng		99
43) 2,4,5-Trichlorophenol	8.98	196	977980	40.34	ng		97
45) 1,1'-Biphenyl	9.13	154	3268828	35.30	ng		95
46) 2-Chloronaphthalene	9.15	162	2986522	40.80	ng		94
47) 2-Nitroaniline	9.24	65	747245	35.79	ng		88
48) Acenaphthylene	9.56	152	4488740	40.81	ng		97
49) Dimethylphthalate	9.44	163	2879570	34.18	ng		99
50) 2,6-Dinitrotoluene	9.50	165	820626	42.19	ng		90
51) Acenaphthene	9.74	154	2882052	39.59	ng		98
52) 3-Nitroaniline	9.66	138	848046	39.35	ng		96
53) 2,4-Dinitrophenol	9.76	184	350563	39.78	ng		95
54) Dibenzofuran	9.91	168	3664944	40.08	ng		94
55) 4-Nitrophenol	9.83	139	853091	48.50	ng		87
56) 2,4-Dinitrotoluene	9.90	165	1051182	41.65	ng	#	86
57) Fluorene	10.25	166	2899495	39.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	662511	37.55	ng		99
59) Diethylphthalate	10.14	149	3128561	36.55	ng		96
60) 4-Chlorophenyl-phenylether	10.24	204	1160234	34.91	ng		91
61) 4-Nitroaniline	10.27	138	843420	41.75	ng		96
62) Azobenzene	10.40	77	2844918	35.36	ng		94
64) 4,6-Dinitro-2-methylphenol	10.30	198	528784	43.97	ng		93
65) n-Nitrosodiphenylamine	10.36	169	2474429	37.61	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	813207	37.07	ng	#	77
67) Hexachlorobenzene	10.79	284	916279	36.61	ng	#	74
68) Atrazine	10.90	200	914905	45.40	ng		98
69) Pentachlorophenol	10.98	266	564804	39.81	ng		98
70) Phenanthrene	11.20	178	3600507	34.07	ng		95
71) Anthracene	11.26	178	4462559	41.54	ng		98
72) Carbazole	11.40	167	3646505	37.84	ng		98
73) Di-n-butylphthalate	11.76	149	5050133	41.89	ng		97
74) Fluoranthene	12.38	202	4039107	40.18	ng		93
76) Benzidine	12.51	184	2033058	44.98	ng		95
77) Pyrene	12.61	202	3843618	33.79	ng		95
79) Butylbenzylphthalate	13.26	149	2345269	45.66	ng		89
80) Benzo(a)anthracene	13.82	228	3487492	43.60	ng		97
81) 3,3'-Dichlorobenzidine	13.79	252	1491204	56.86	ng	#	96
82) Chrysene	13.86	228	3263239	47.58	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	2745519	38.80	ng	#	98
84) Di-n-octyl phthalate	14.50	149	4590966	48.82	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.56	276	2884823	32.97	ng		100
87) Benzo(b)fluoranthene	14.90	252	2999582	42.09	ng		97
88) Benzo(k)fluoranthene	14.94	252	2982823m	46.13	ng		
89) Benzo(a)pyrene	15.22	252	2881650	42.72	ng		97
90) Dibenzo(a,h)anthracene	16.58	278	2371494	32.39	ng		99
91) Benzo(g,h,i)perylene	16.94	276	2417015	31.35	ng		99

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

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