Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089758.D
Acq On : 17 Aug 2016 12:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/17/2016 6:25:26 PM

Quant Time: Aug 17 15:49:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	679493	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2704392	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1311095	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	2376648	20.00	ng	0.01
75) Chrysene-d12	13.94	240	1885901	20.00	ng	0.05
86) Perylene-d12	15.50	264	1489575	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3282221	80.60	ng	0.00
7) Phenol-d6	6.34	99	4002347	77.27	ng	0.01
23) Nitrobenzene-d5	7.27	82	3516471	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	936962	73.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5154771	63.09	ng	0.00
78) Terphenyl-d14	12.82	244	4743752	75.15	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	761135	36.20	ng	96
3) Pyridine	2.84	79	1997625	36.87	ng	96
4) n-Nitrosodimethylamine	2.81	42	812693	37.37	ng	88
6) Aniline	6.36	93	2644393	37.98	ng	100
8) 2-Chlorophenol	6.48	128	1783671	36.82	ng	97
9) Benzaldehyde	6.24	77	1239881	36.11	ng	94
10) Phenol	6.35	94	2599279	40.31	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	1858170	38.90	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1881557	36.34	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1970791	37.57	ng	98
14) 1,2-Dichlorobenzene	6.88	146	1886933	37.73	ng	99
15) Benzyl Alcohol	6.84	79	1245961	35.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2251644	35.93	ng	93
17) 2-Methylphenol	6.97	107	1593221	41.40	ng	95
18) Hexachloroethane	7.22	117	767600	39.93	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	1181083	34.82	ng	94
20) 3+4-Methylphenols	7.12	107	1717904	34.86	ng	99
22) Acetophenone	7.12	105	2303728	36.65	ng	92
24) Nitrobenzene	7.29	77	1949517	39.13	ng	96
25) Isophorone	7.53	82	3383167	38.18	ng	99
26) 2-Nitrophenol	7.61	139	1048743	44.74	ng	99
27) 2,4-Dimethylphenol	7.66	122	1876105	42.22	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	1983628	36.84	ng	97
29) 2,4-Dichlorophenol	7.85	162	1558927	42.14	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1514505	38.14	ng	99
31) Naphthalene	8.01	128	4555336	37.53	ng	95
32) Benzoic acid	7.79	122	1517338	43.92	ng	99
33) 4-Chloroaniline	8.07	127	2266759	40.36	ng	98
34) Hexachlorobutadiene	8.14	225	815121	39.07	ng	98
35) Caprolactam	8.44	113	432651	37.95	ng	86
36) 4-Chloro-3-methylphenol	8.55	107	1467248	36.43	ng	92
37) 2-Methylnaphthalene	8.71	142	3413593	41.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1435443	34.06	ng	98
40) Hexachlorocyclopentadiene	8.87	237	726190	38.66	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1103344	40.52	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	1002985	38.63	ng	#	93
45) 1,1'-Biphenyl	9.18	154	4108021	37.83	ng		93
46) 2-Chloronaphthalene	9.19	162	2938808	36.12	ng		98
47) 2-Nitroaniline	9.28	65	994905	40.13	ng		93
48) Acenaphthylene	9.60	152	4678859	37.35	ng		97
49) Dimethylphthalate	9.48	163	3837961	40.46	ng	#	99
50) 2,6-Dinitrotoluene	9.53	165	776128	36.15	ng	#	86
51) Acenaphthene	9.78	154	3305655	39.11	ng		99
52) 3-Nitroaniline	9.70	138	1097409	43.96	ng	#	74
53) 2,4-Dinitrophenol	9.79	184	362501	38.74	ng	#	83
54) Dibenzofuran	9.94	168	3843615	36.95	ng		100
55) 4-Nitrophenol	9.85	139	761582	39.65	ng	#	82
56) 2,4-Dinitrotoluene	9.93	165	1105751	40.06	ng	#	72
57) Fluorene	10.28	166	2859454	34.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	852135	42.03	ng		93
59) Diethylphthalate	10.18	149	3901693	40.56	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1323116	32.07	ng		94
61) 4-Nitroaniline	10.31	138	944381	38.96	ng		96
62) Azobenzene	10.44	77	3529274	38.83	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	579946	42.03	ng	#	54
65) n-Nitrosodiphenylamine	10.41	169	3124707	41.90	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	1039923	42.25	ng	#	90
67) Hexachlorobenzene	10.83	284	1085523	39.67	ng	#	85
68) Atrazine	10.94	200	823085	36.43	ng		96
69) Pentachlorophenol	11.03	266	725047	42.54	ng		97
70) Phenanthrene	11.24	178	4782244	40.94	ng		93
71) Anthracene	11.29	178	4382343	35.90	ng		96
72) Carbazole	11.45	167	4650654	40.21	ng		96
73) Di-n-butylphthalate	11.79	149	5395011	38.36	ng		97
74) Fluoranthene	12.42	202	4819213	41.06	ng		91
76) Benzidine	12.56	184	2641333	39.02	ng		99
77) Pyrene	12.66	202	5093231	41.27	ng		94
79) Butylbenzylphthalate	13.33	149	2466879	39.84	ng	#	83
80) Benzo(a)anthracene	13.93	228	4129075	37.69	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	1535436	38.46	ng		98
82) Chrysene	13.97	228	3434589	34.83	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	3244823	39.60	ng	#	99
84) Di-n-octyl phthalate	14.67	149	5077450	39.87	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	3125363	37.20	ng		99
87) Benzo(b)fluoranthene	15.10	252	3618901	38.34	ng	#	95
88) Benzo(k)fluoranthene	15.13	252	3332592m	42.90	ng		
89) Benzo(a)pyrene	15.44	252	3077681	39.50	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	2576947	42.00	ng		96
91) Benzo(g,h,i)perylene	17.21	276	2597404	41.59	ng		94

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

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