Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF010816\
Data File : BF084327.D
Acq On : 8 Jan 2016 14:50
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:08 AM

Quant Time: Jan 08 23:08:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	350401	20.00	ng		-0.05
21) Naphthalene-d8	8.14	136	1393879	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	679001	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	1265221	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	908142	20.00	ng		-0.03
86) Perylene-d12	15.45	264	697784	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1603228	74.01	ng		-0.03
7) Phenol-d6	6.51	99	2094160	76.97	ng		-0.02
23) Nitrobenzene-d5	7.44	82	2089448	83.43	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	476918	69.57	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	3139215	81.04	ng		-0.03
78) Terphenyl-d14	12.98	244	3163923	77.77	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	401479	39.12	ng	#	73
3) Pyridine	3.17	79	1161338	40.59	ng	#	71
4) n-Nitrosodimethylamine	3.14	42	597414	40.68	ng	#	75
6) Aniline	6.53	93	1473309	37.02	ng	#	78
8) 2-Chlorophenol	6.65	128	943561	38.39	ng		89
9) Benzaldehyde	6.41	77	678444	38.30	ng		98
10) Phenol	6.52	94	1198755	38.75	ng		75
11) bis(2-Chloroethyl)ether	6.60	93	943435m	39.37	ng		
12) 1,3-Dichlorobenzene	6.80	146	965763m	38.09	ng		
13) 1,4-Dichlorobenzene	6.88	146	966823	38.03	ng		99
14) 1,2-Dichlorobenzene	7.04	146	980656	40.27	ng		98
15) Benzyl Alcohol	7.01	79	908173	39.68	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1628931	37.33	ng		88
17) 2-Methylphenol	7.13	107	777094	37.72	ng		93
18) Hexachloroethane	7.38	117	411419	40.47	ng	#	81
19) n-Nitroso-di-n-propylamine	7.29	70	634697	34.46	ng	#	73
20) 3+4-Methylphenols	7.29	107	986233	40.73	ng	#	83
22) Acetophenone	7.28	105	1252708	37.37	ng	#	90
24) Nitrobenzene	7.45	77	943603	37.15	ng		93
25) Isophorone	7.70	82	1944631	40.60	ng		96
26) 2-Nitrophenol	7.77	139	569711	49.28	ng		93
27) 2,4-Dimethylphenol	7.81	122	971068	41.50	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	1186154	40.54	ng		99
29) 2,4-Dichlorophenol	8.01	162	753224	38.64	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	805043	40.00	ng		96
31) Naphthalene	8.17	128	2376192	37.57	ng		98
32) Benzoic acid	7.94	122	390533	28.81	ng		98
33) 4-Chloroaniline	8.22	127	1246055	42.98	ng		97
34) Hexachlorobutadiene	8.29	225	485357	41.96	ng		96
35) Caprolactam	8.61	113	246949	37.58	ng	#	44
36) 4-Chloro-3-methylphenol	8.72	107	961453	44.03	ng		95
37) 2-Methylnaphthalene	8.86	142	1901206	41.88	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	715890	36.67	ng		98
40) Hexachlorocyclopentadiene	9.01	237	429973	36.49	ng		97

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Quant Time: Jan 08 23:08:12 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	529968	36.29	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	564005	40.29	ng	#	87
45) 1,1'-Biphenyl	9.33	154	2185225	40.49	ng		96
46) 2-Chloronaphthalene	9.36	162	1680033	39.63	ng	#	88
47) 2-Nitroaniline	9.45	65	545773	39.01	ng		97
48) Acenaphthylene	9.77	152	2380168	38.01	ng	#	95
49) Dimethylphthalate	9.64	163	1938060	39.93	ng	#	92
50) 2,6-Dinitrotoluene	9.70	165	485724	45.62	ng		99
51) Acenaphthene	9.94	154	1624363	38.67	ng		98
52) 3-Nitroaniline	9.87	138	591032	44.80	ng	#	73
53) 2,4-Dinitrophenol	9.96	184	157464	36.73	ng	#	81
54) Dibenzofuran	10.11	168	2097285	38.09	ng	#	89
55) 4-Nitrophenol	10.03	139	347645	36.30	ng	#	78
56) 2,4-Dinitrotoluene	10.10	165	632276	46.92	ng		95
57) Fluorene	10.45	166	1724930	40.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	447547	37.44	ng		90
59) Diethylphthalate	10.33	149	1800470	37.62	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	703195	38.47	ng		90
61) 4-Nitroaniline	10.49	138	538788	45.82	ng		85
62) Azobenzene	10.60	77	1875817	35.73	ng		87
64) 4,6-Dinitro-2-methylphenol	10.50	198	259241	33.74	ng	#	50
65) n-Nitrosodiphenylamine	10.57	169	1459294	36.07	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	486243	35.71	ng	#	79
67) Hexachlorobenzene	11.00	284	608789	39.72	ng	#	92
68) Atrazine	11.09	200	496989	37.54	ng		99
69) Pentachlorophenol	11.20	266	304079	38.26	ng		99
70) Phenanthrene	11.41	178	2427435	36.68	ng		94
71) Anthracene	11.46	178	2573908	39.67	ng		98
72) Carbazole	11.62	167	2103373	33.16	ng		97
73) Di-n-butylphthalate	11.95	149	2524890	35.34	ng	#	95
74) Fluoranthene	12.60	202	2787461	40.32	ng		94
76) Benzidine	12.72	184	1131657	34.75	ng		99
77) Pyrene	12.83	202	2809639	39.43	ng		96
79) Butylbenzylphthalate	13.45	149	1119025	36.29	ng		89
80) Benzo(a)anthracene	14.02	228	1988275	37.29	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	827181	44.45	ng	#	96
82) Chrysene	14.05	228	1863383	36.37	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1413025	36.27	ng		97
84) Di-n-octyl phthalate	14.63	149	2504815	38.08	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.85	276	1659176	40.85	ng		100
87) Benzo(b)fluoranthene	15.05	252	1982956m	43.44	ng		
88) Benzo(k)fluoranthene	15.07	252	1344202m	36.01	ng		
89) Benzo(a)pyrene	15.39	252	1570157	40.56	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	1347562	40.45	ng	#	94
91) Benzo(g,h,i)perylene	17.28	276	1413329	40.97	ng		99

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

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