Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084584.D
Acq On : 22 Jan 2016 12:50
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/25/2016 2:58:26 PM

Quant Time: Jan 22 22:22:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	239503	20.00	ng		-0.08
21) Naphthalene-d8	8.04	136	987928	20.00	ng		-0.08
38) Acenaphthene-d10	9.79	164	461722	20.00	ng		-0.08
63) Phenanthrene-d10	11.28	188	874392	20.00	ng		-0.08
75) Chrysene-d12	13.91	240	618439	20.00	ng		-0.09
86) Perylene-d12	15.30	264	510345	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1077416	72.76	ng		-0.10
7) Phenol-d6	6.40	99	1413037	75.98	ng		-0.08
23) Nitrobenzene-d5	7.32	82	1342382	75.62	ng		-0.08
41) 2,4,6-Tribromophenol	10.58	330	351171	75.33	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	2075878	78.62	ng		-0.08
78) Terphenyl-d14	12.87	244	2285373	82.49	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	255153	36.38	ng	#	75
3) Pyridine	2.93	79	508635	26.01	ng	#	68
4) n-Nitrosodimethylamine	2.89	42	304039	30.29	ng	#	66
6) Aniline	6.41	93	986562	36.26	ng	#	59
8) 2-Chlorophenol	6.53	128	664043	39.53	ng		92
9) Benzaldehyde	6.29	77	411632	33.99	ng		96
10) Phenol	6.41	94	730028	34.53	ng	#	64
11) bis(2-Chloroethyl)ether	6.49	93	607314m	37.08	ng		
12) 1,3-Dichlorobenzene	6.68	146	651406m	37.59	ng		
13) 1,4-Dichlorobenzene	6.76	146	659195	37.93	ng		97
14) 1,2-Dichlorobenzene	6.92	146	690743	41.50	ng		99
15) Benzyl Alcohol	6.90	79	542140	34.65	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1005197	33.70	ng		86
17) 2-Methylphenol	7.02	107	570641	40.53	ng		95
18) Hexachloroethane	7.26	117	274764	39.54	ng	#	87
19) n-Nitroso-di-n-propylamine	7.17	70	464869	36.93	ng	#	73
20) 3+4-Methylphenols	7.17	107	605966	36.62	ng	#	60
22) Acetophenone	7.17	105	976774	41.12	ng	#	94
24) Nitrobenzene	7.34	77	714624	39.69	ng	#	85
25) Isophorone	7.58	82	1329624	39.16	ng		98
26) 2-Nitrophenol	7.65	139	341045	41.62	ng	#	81
27) 2,4-Dimethylphenol	7.70	122	589480	35.54	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	786184	37.91	ng	#	96
29) 2,4-Dichlorophenol	7.90	162	564368	40.85	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	573447	40.21	ng	#	94
31) Naphthalene	8.05	128	1776575	39.64	ng		99
32) Benzoic acid	7.84	122	374669	36.79	ng		96
33) 4-Chloroaniline	8.11	127	754868	36.74	ng		98
34) Hexachlorobutadiene	8.18	225	338551	41.29	ng		99
35) Caprolactam	8.50	113	177938	38.21	ng	#	47
36) 4-Chloro-3-methylphenol	8.60	107	566640	36.62	ng		94
37) 2-Methylnaphthalene	8.75	142	1324111	41.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	527515	39.74	ng		98
40) Hexachlorocyclopentadiene	8.90	237	269445	33.63	ng		96

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Quant Time: Jan 22 22:22:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	388145	39.08	ng		92
43) 2,4,5-Trichlorophenol	9.07	196	383508	40.28	ng	#	84
45) 1,1'-Biphenyl	9.22	154	1638416	44.65	ng		98
46) 2-Chloronaphthalene	9.24	162	1209992	41.98	ng	#	90
47) 2-Nitroaniline	9.33	65	398943	41.93	ng		98
48) Acenaphthylene	9.65	152	1768486	41.53	ng		97
49) Dimethylphthalate	9.53	163	1349083	40.87	ng	#	90
50) 2,6-Dinitrotoluene	9.58	165	294592	40.69	ng	#	60
51) Acenaphthene	9.82	154	1089680	38.15	ng		98
52) 3-Nitroaniline	9.76	138	387820	43.23	ng		86
53) 2,4-Dinitrophenol	9.86	184	156972	52.19	ng		92
54) Dibenzofuran	10.00	168	1475816	39.53	ng		91
55) 4-Nitrophenol	9.93	139	290882	44.67	ng		89
56) 2,4-Dinitrotoluene	9.98	165	362587	39.57	ng	#	86
57) Fluorene	10.34	166	1190616	41.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	336673	41.42	ng		88
59) Diethylphthalate	10.22	149	1356016	41.67	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	555003	46.19	ng	#	82
61) 4-Nitroaniline	10.36	138	370664	46.35	ng		94
62) Azobenzene	10.49	77	1402654	39.29	ng		86
64) 4,6-Dinitro-2-methylphenol	10.40	198	232252	43.57	ng		95
65) n-Nitrosodiphenylamine	10.45	169	1003952	35.91	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	345846	36.75	ng	#	74
67) Hexachlorobenzene	10.89	284	434127	40.98	ng		94
68) Atrazine	10.99	200	382588	41.82	ng		96
69) Pentachlorophenol	11.08	266	223167	40.63	ng		98
70) Phenanthrene	11.30	178	1930619	42.21	ng		96
71) Anthracene	11.34	178	1744309	38.90	ng		98
72) Carbazole	11.50	167	1508424	34.41	ng		98
73) Di-n-butylphthalate	11.85	149	2086358	44.71	ng	#	97
74) Fluoranthene	12.48	202	1828989	38.28	ng		98
76) Benzidine	12.60	184	741482	33.44	ng		98
77) Pyrene	12.71	202	1786015	36.80	ng		98
79) Butylbenzylphthalate	13.33	149	798655	38.03	ng		87
80) Benzo(a)anthracene	13.89	228	1462341	40.27	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	513873	40.55	ng	#	96
82) Chrysene	13.93	228	1399972	40.12	ng		100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1065379	40.15	ng	#	94
84) Di-n-octyl phthalate	14.51	149	1721900	38.44	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.63	276	997836	36.07	ng		97
87) Benzo(b)fluoranthene	14.91	252	1358164m	40.68	ng		
88) Benzo(k)fluoranthene	14.93	252	1041332m	38.14	ng		
89) Benzo(a)pyrene	15.24	252	1141265	40.30	ng		97
90) Dibenzo(a,h)anthracene	16.65	278	825754	33.89	ng	#	93
91) Benzo(g,h,i)perylene	17.03	276	861499	34.14	ng		99

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

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