Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
Data File : BF089963.D
Acq On : 1 Sep 2016 10:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
9/2/2016 2:08:36 AM

Quant Time: Sep 01 13:59:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	202425	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	853147	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	426849	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	830507	20.00	ng		0.00
75) Chrysene-d12	13.76	240	641391	20.00	ng		0.00
86) Perylene-d12	15.11	264	603586	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	956074	75.60	ng		0.00
7) Phenol-d6	6.28	99	1176779	76.58	ng		0.01
23) Nitrobenzene-d5	7.21	82	1026131	69.75	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	324843	77.14	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1800200	69.23	ng		0.00
78) Terphenyl-d14	12.72	244	2016120	77.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	233476	38.97	ng		98
3) Pyridine	2.73	79	587579	36.76	ng		97
4) n-Nitrosodimethylamine	2.68	42	311931	39.57	ng		99
6) Aniline	6.30	93	806206	38.45	ng	#	76
8) 2-Chlorophenol	6.42	128	547626	39.91	ng		95
9) Benzaldehyde	6.18	77	398638	40.21	ng		99
10) Phenol	6.30	94	668131	37.39	ng		95
11) bis(2-Chloroethyl)ether	6.39	93	565801	41.84	ng		87
12) 1,3-Dichlorobenzene	6.58	146	631264	41.20	ng		99
13) 1,4-Dichlorobenzene	6.66	146	618614m	39.46	ng		
14) 1,2-Dichlorobenzene	6.81	146	558822	39.76	ng		98
15) Benzyl Alcohol	6.79	79	363849	37.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1055447	40.93	ng		99
17) 2-Methylphenol	6.91	107	459618	41.95	ng		98
18) Hexachloroethane	7.15	117	209490	39.01	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	383448	38.29	ng		93
20) 3+4-Methylphenols	7.07	107	525790	39.59	ng	#	65
22) Acetophenone	7.06	105	729637	38.12	ng	#	97
24) Nitrobenzene	7.23	77	647040	41.37	ng	#	83
25) Isophorone	7.47	82	1091888	36.50	ng		97
26) 2-Nitrophenol	7.54	139	285741	38.22	ng		96
27) 2,4-Dimethylphenol	7.60	122	550977	39.84	ng		97
28) bis(2-Chloroethoxy)methane	7.69	93	659346	36.54	ng		99
29) 2,4-Dichlorophenol	7.79	162	489763	39.50	ng		90
30) 1,2,4-Trichlorobenzene	7.87	180	522297	38.53	ng		98
31) Naphthalene	7.95	128	1618416	38.08	ng		99
32) Benzoic acid	7.74	122	402126	43.17	ng		98
33) 4-Chloroaniline	8.00	127	617797	36.03	ng		99
34) Hexachlorobutadiene	8.08	225	304560	38.34	ng		97
35) Caprolactam	8.39	113	165426	42.27	ng	#	81
36) 4-Chloro-3-methylphenol	8.49	107	524569	39.95	ng		86
37) 2-Methylnaphthalene	8.64	142	1105510	39.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	476171	38.08	ng		98
40) Hexachlorocyclopentadiene	8.80	237	285242	44.49	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
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	8.91	196	352305	40.65	ng		99
43) 2,4,5-Trichlorophenol	8.96	196	370244	44.43	ng	#	89
45) 1,1'-Biphenyl	9.11	154	1402370	40.80	ng		96
46) 2-Chloronaphthalene	9.12	162	929327	38.23	ng		98
47) 2-Nitroaniline	9.22	65	359604	45.25	ng	#	83
48) Acenaphthylene	9.53	152	1489891	37.06	ng		100
49) Dimethylphthalate	9.42	163	1275641	41.35	ng		98
50) 2,6-Dinitrotoluene	9.47	165	286258	41.72	ng	#	60
51) Acenaphthene	9.70	154	987311	38.77	ng		99
52) 3-Nitroaniline	9.63	138	343352	43.87	ng		86
53) 2,4-Dinitrophenol	9.74	184	166696	46.14	ng	#	71
54) Dibenzofuran	9.87	168	1226026	35.92	ng		98
55) 4-Nitrophenol	9.79	139	223401	37.85	ng	#	61
56) 2,4-Dinitrotoluene	9.86	165	320380	36.82	ng	#	84
57) Fluorene	10.22	166	947881	38.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	304205	42.64	ng		95
59) Diethylphthalate	10.10	149	1131780	38.99	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	472388	40.25	ng	#	90
61) 4-Nitroaniline	10.24	138	290721	37.81	ng		91
62) Azobenzene	10.38	77	1186116	40.91	ng		86
64) 4,6-Dinitro-2-methylphenol	10.27	198	247239	46.50	ng	#	70
65) n-Nitrosodiphenylamine	10.33	169	917773	36.76	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	315611	37.75	ng		93
67) Hexachlorobenzene	10.76	284	390341	40.87	ng	#	75
68) Atrazine	10.87	200	362392	43.48	ng		96
69) Pentachlorophenol	10.95	266	230905	44.94	ng		98
70) Phenanthrene	11.16	178	1421882	34.38	ng		100
71) Anthracene	11.22	178	1720996	41.03	ng		99
72) Carbazole	11.37	167	1399484	35.58	ng		99
73) Di-n-butylphthalate	11.72	149	1942368	42.37	ng	#	98
74) Fluoranthene	12.34	202	1523921	35.16	ng		96
76) Benzidine	12.47	184	933776	38.43	ng		98
77) Pyrene	12.57	202	1778570	39.33	ng		99
79) Butylbenzylphthalate	13.20	149	752468	41.26	ng		97
80) Benzo(a)anthracene	13.75	228	1471094	37.45	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	656770	46.32	ng	#	96
82) Chrysene	13.78	228	1385506	37.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1065953	42.26	ng		98
84) Di-n-octyl phthalate	14.38	149	1849315	45.42	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1163240	42.88	ng		100
87) Benzo(b)fluoranthene	14.74	252	1315928m	34.80	ng		
88) Benzo(k)fluoranthene	14.77	252	1257053m	39.18	ng		
89) Benzo(a)pyrene	15.05	252	1208406	37.30	ng	#	96
90) Dibenzo(a,h)anthracene	16.35	278	938336	39.53	ng		99
91) Benzo(g,h,i)perylene	16.71	276	939726	39.33	ng		98

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

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