Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF071516\
Data File : BF089037.D
Acq On : 16 Jul 2016 3:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 16 04:40:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	54901	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	214553	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	89850	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	132533	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	90608	20.00	ng		-0.05
86) Perylene-d12	15.17	264	65593	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	310656	84.80	ng		-0.02
7) Phenol-d6	6.33	99	346931	73.29	ng		-0.02
23) Nitrobenzene-d5	7.24	82	321549	78.54	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	50365	60.36	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	534666	94.00	ng		-0.03
78) Terphenyl-d14	12.76	244	300163	73.79	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	65307	35.96	ng	#	31
3) Pyridine	2.81	79	174470	33.11	ng		93
4) n-Nitrosodimethylamine	2.78	42	72864	36.19	ng		97
6) Aniline	6.34	93	251070	36.40	ng	#	39
8) 2-Chlorophenol	6.47	128	165385	42.01	ng		86
9) Benzaldehyde	6.22	77	118740	37.03	ng		85
10) Phenol	6.34	94	179246	33.18	ng	#	31
11) bis(2-Chloroethyl)ether	6.42	93	166694	41.38	ng		88
12) 1,3-Dichlorobenzene	6.62	146	176226	40.68	ng		98
13) 1,4-Dichlorobenzene	6.70	146	189197	44.00	ng		98
14) 1,2-Dichlorobenzene	6.84	146	153833	38.22	ng	#	86
15) Benzyl Alcohol	6.83	79	138266	39.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	193169	33.11	ng		86
17) 2-Methylphenol	6.96	107	121902	37.95	ng	#	88
18) Hexachloroethane	7.19	117	50588	30.41	ng	#	84
19) n-Nitroso-di-n-propylamine	7.11	70	123600	38.87	ng		90
20) 3+4-Methylphenols	7.11	107	147852	38.36	ng	#	81
22) Acetophenone	7.10	105	229538	44.08	ng	#	93
24) Nitrobenzene	7.27	77	177921	43.10	ng	#	84
25) Isophorone	7.51	82	290311	38.28	ng		95
26) 2-Nitrophenol	7.59	139	62068	36.67	ng	#	82
27) 2,4-Dimethylphenol	7.63	122	127924	36.28	ng		87
28) bis(2-Chloroethoxy)methane	7.72	93	185369	37.56	ng	#	95
29) 2,4-Dichlorophenol	7.83	162	106561	37.40	ng		93
30) 1,2,4-Trichlorobenzene	7.91	180	127814	40.88	ng		98
31) Naphthalene	7.99	128	463880	43.86	ng		99
32) Benzoic acid	7.76	122	51613	20.16	ng		94
33) 4-Chloroaniline	8.04	127	201281	42.77	ng	#	94
34) Hexachlorobutadiene	8.11	225	77000	45.99	ng		99
35) Caprolactam	8.42	113	36904	38.14	ng	#	68
36) 4-Chloro-3-methylphenol	8.54	107	137527	40.82	ng		97
37) 2-Methylnaphthalene	8.67	142	253778	37.26	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	137272	45.93	ng	#	1
40) Hexachlorocyclopentadiene	8.83	237	4901	3.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	70710	35.89	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	70605	41.65	ng	#	94
45) 1,1'-Biphenyl	9.14	154	345951	46.50	ng		98
46) 2-Chloronaphthalene	9.16	162	262040	44.86	ng		100
47) 2-Nitroaniline	9.26	65	75061	36.21	ng		92
48) Acenaphthylene	9.58	152	397377	42.76	ng		99
49) Dimethylphthalate	9.45	163	313272	48.94	ng		98
50) 2,6-Dinitrotoluene	9.51	165	61092	43.06	ng	#	75
51) Acenaphthene	9.75	154	234976	41.25	ng		98
52) 3-Nitroaniline	9.67	138	59523	33.00	ng	#	85
54) Dibenzofuran	9.92	168	310112	41.59	ng		93
55) 4-Nitrophenol	9.85	139	31211	22.77	ng	#	77
56) 2,4-Dinitrotoluene	9.91	165	70940	38.24	ng	#	66
57) Fluorene	10.26	166	235596	41.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	38947	29.69	ng	#	49
59) Diethylphthalate	10.15	149	283161	44.08	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	107166	40.14	ng		88
61) 4-Nitroaniline	10.28	138	64586	37.21	ng		94
62) Azobenzene	10.41	77	269815	36.82	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	2404	3.39	ng	#	63
65) n-Nitrosodiphenylamine	10.38	169	223633	49.86	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	64873	48.57	ng		98
67) Hexachlorobenzene	10.80	284	54315	36.74	ng	#	76
68) Atrazine	10.90	200	57258	40.97	ng		91
69) Pentachlorophenol	11.00	266	19285	22.04	ng		97
70) Phenanthrene	11.21	178	303268	41.86	ng		98
71) Anthracene	11.26	178	276854	38.43	ng		98
72) Carbazole	11.42	167	243408	35.90	ng		100
73) Di-n-butylphthalate	11.76	149	363043	46.03	ng		99
74) Fluoranthene	12.39	202	268505	36.56	ng		99
76) Benzidine	12.52	184	262493	57.32	ng		98
77) Pyrene	12.62	202	294021	38.27	ng		99
79) Butylbenzylphthalate	13.24	149	135924	39.66	ng	#	81
80) Benzo(a)anthracene	13.79	228	226696	38.86	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	90659	41.33	ng		98
82) Chrysene	13.84	228	218400	37.84	ng		97
83) Bis(2-ethylhexyl)phthalate	13.81	149	192152	49.11	ng	#	97
84) Di-n-octyl phthalate	14.41	149	331353	49.85	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	138374	31.16	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	191442m	46.53	ng		
88) Benzo(k)fluoranthene	14.82	252	162273m	45.30	ng		
89) Benzo(a)pyrene	15.12	252	157891	45.32	ng	#	94
90) Dibenzo(a,h)anthracene	16.46	278	122628	42.15	ng		97
91) Benzo(g,h,i)perylene	16.82	276	115464	38.36	ng		98

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

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