Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084509.D
Acq On : 15 Jan 2016 23:45
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 16 03:19:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	306302	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	1247992	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	583399	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	993179	20.00	ng		0.00
75) Chrysene-d12	13.99	240	587968	20.00	ng		0.00
86) Perylene-d12	15.40	264	608833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1458032	76.99	ng		0.00
7) Phenol-d6	6.48	99	1931974	81.23	ng		0.01
23) Nitrobenzene-d5	7.39	82	1659927	74.03	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	412302	70.00	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	2759234	83.06	ng		0.00
78) Terphenyl-d14	12.93	244	2074862	78.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	372616	41.54	ng	#	80
3) Pyridine	3.10	79	1090241	43.59	ng	#	76
4) n-Nitrosodimethylamine	3.06	42	462027	35.99	ng		87
6) Aniline	6.49	93	1199017	34.46	ng	#	71
8) 2-Chlorophenol	6.61	128	904911	42.12	ng		98
9) Benzaldehyde	6.37	77	571028	36.87	ng		89
10) Phenol	6.49	94	1125269	41.61	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	907798	43.34	ng		92
12) 1,3-Dichlorobenzene	6.76	146	892257	40.26	ng	#	95
13) 1,4-Dichlorobenzene	6.84	146	912709	41.07	ng		95
14) 1,2-Dichlorobenzene	6.99	146	794997	37.35	ng		94
15) Benzyl Alcohol	6.97	79	711488	35.56	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1347629	35.33	ng		88
17) 2-Methylphenol	7.09	107	707457	39.29	ng		95
18) Hexachloroethane	7.33	117	340389	38.30	ng		91
19) n-Nitroso-di-n-propylamine	7.24	70	586403	36.42	ng	#	73
20) 3+4-Methylphenols	7.25	107	821157	38.80	ng		87
22) Acetophenone	7.24	105	1157418	38.57	ng	#	95
24) Nitrobenzene	7.41	77	927906	40.80	ng		99
25) Isophorone	7.65	82	1599452	37.30	ng		98
26) 2-Nitrophenol	7.73	139	476518	46.04	ng	#	90
27) 2,4-Dimethylphenol	7.78	122	837022	39.95	ng		90
28) bis(2-Chloroethoxy)methane	7.87	93	1092015	41.69	ng		96
29) 2,4-Dichlorophenol	7.97	162	665022	38.10	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	715371	39.70	ng		97
31) Naphthalene	8.13	128	2182018	38.54	ng		98
32) Benzoic acid	7.90	122	365579	29.84	ng		99
33) 4-Chloroaniline	8.19	127	1075669	41.44	ng	#	90
34) Hexachlorobutadiene	8.25	225	391583	37.81	ng		98
35) Caprolactam	8.57	113	231695	39.38	ng	#	52
36) 4-Chloro-3-methylphenol	8.68	107	796807	40.76	ng		94
37) 2-Methylnaphthalene	8.83	142	1568708	38.59	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	637422	38.01	ng		99
40) Hexachlorocyclopentadiene	8.98	237	229039	22.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	441064	35.15	ng		96
43) 2,4,5-Trichlorophenol	9.15	196	460153	38.25	ng	#	88
45) 1,1'-Biphenyl	9.29	154	1759599	37.95	ng		98
46) 2-Chloronaphthalene	9.31	162	1356705	37.25	ng		98
47) 2-Nitroaniline	9.41	65	463529	38.56	ng		97
48) Acenaphthylene	9.73	152	2156219	40.07	ng		96
49) Dimethylphthalate	9.60	163	1490811	35.74	ng	#	89
50) 2,6-Dinitrotoluene	9.66	165	361317	39.50	ng	#	81
51) Acenaphthene	9.90	154	1433904	39.73	ng		97
52) 3-Nitroaniline	9.82	138	396778	35.01	ng		95
53) 2,4-Dinitrophenol	9.93	184	126766	34.64	ng	#	78
54) Dibenzofuran	10.08	168	1866829	39.58	ng		96
55) 4-Nitrophenol	10.00	139	264477	32.14	ng	#	77
56) 2,4-Dinitrotoluene	10.06	165	503264	43.47	ng	#	83
57) Fluorene	10.42	166	1473128	40.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	360079	35.06	ng		87
59) Diethylphthalate	10.29	149	1477829	35.94	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	598691	38.03	ng		94
61) 4-Nitroaniline	10.44	138	392582	38.85	ng		89
62) Azobenzene	10.57	77	1598463	35.44	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	178717	29.99	ng	#	69
65) n-Nitrosodiphenylamine	10.53	169	1320293	41.58	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	420974	39.38	ng	#	85
67) Hexachlorobenzene	10.97	284	452368	37.60	ng	#	85
68) Atrazine	11.06	200	358025	34.45	ng		99
69) Pentachlorophenol	11.16	266	210170	33.69	ng		100
70) Phenanthrene	11.38	178	2120172	40.81	ng		97
71) Anthracene	11.43	178	1906939	37.45	ng		98
72) Carbazole	11.59	167	1703725	34.22	ng		98
73) Di-n-butylphthalate	11.92	149	2124770	38.69	ng	#	96
74) Fluoranthene	12.56	202	1827770	33.68	ng		96
76) Benzidine	12.68	184	794863	37.70	ng		98
77) Pyrene	12.79	202	1826881	39.59	ng		99
79) Butylbenzylphthalate	13.41	149	820123	41.08	ng		93
80) Benzo(a)anthracene	13.97	228	1327488	38.45	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	518344	43.02	ng	#	94
82) Chrysene	14.02	228	1348648	40.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	981494	38.91	ng		98
84) Di-n-octyl phthalate	14.59	149	1725214	40.51	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.79	276	1419879	53.99	ng		98
87) Benzo(b)fluoranthene	15.00	252	1359239	34.13	ng	#	96
88) Benzo(k)fluoranthene	15.04	252	1330930m	40.86	ng		
89) Benzo(a)pyrene	15.35	252	1340570	39.68	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	1195708	41.13	ng		96
91) Benzo(g,h,i)perylene	17.21	276	1157927	38.47	ng		98

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

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