Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
Data File : BF090049.D
Acq On : 9 Sep 2016 16:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 09 17:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	173201	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	708344	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	363344	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	705720	20.00	ng		-0.01
75) Chrysene-d12	13.71	240	437413	20.00	ng		-0.01
86) Perylene-d12	15.05	264	378101	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	866048	80.04	ng		-0.01
7) Phenol-d6	6.24	99	985953	74.99	ng		-0.01
23) Nitrobenzene-d5	7.16	82	967021	79.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	286667	79.97	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	1671910	75.53	ng		-0.01
78) Terphenyl-d14	12.69	244	1723304	97.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	192387	37.53	ng		97
3) Pyridine	2.64	79	504847	36.91	ng		98
4) n-Nitrosodimethylamine	2.59	42	233204	34.57	ng		99
6) Aniline	6.25	93	644954	35.95	ng		87
8) 2-Chlorophenol	6.38	128	466577	39.74	ng		93
9) Benzaldehyde	6.12	77	300833	35.46	ng		93
10) Phenol	6.25	94	542794	35.50	ng		98
11) bis(2-Chloroethyl)ether	6.33	93	440701	38.09	ng		98
12) 1,3-Dichlorobenzene	6.52	146	512365m	39.08	ng		
13) 1,4-Dichlorobenzene	6.60	146	536324	39.98	ng		97
14) 1,2-Dichlorobenzene	6.76	146	488787	40.64	ng		94
15) Benzyl Alcohol	6.74	79	316728	38.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	849464	38.50	ng		92
17) 2-Methylphenol	6.87	107	379554	40.48	ng		99
18) Hexachloroethane	7.10	117	181877	39.58	ng	#	86
19) n-Nitroso-di-n-propylamine	7.02	70	319667	37.31	ng		87
20) 3+4-Methylphenols	7.03	107	464886	40.91	ng	#	69
22) Acetophenone	7.00	105	612991	38.58	ng	#	92
24) Nitrobenzene	7.18	77	457759	35.25	ng		95
25) Isophorone	7.43	82	942037	37.93	ng		98
26) 2-Nitrophenol	7.50	139	266706	42.97	ng		95
27) 2,4-Dimethylphenol	7.55	122	445386	38.79	ng		96
28) bis(2-Chloroethoxy)methane	7.64	93	585223	39.07	ng		99
29) 2,4-Dichlorophenol	7.75	162	404763	39.32	ng		90
30) 1,2,4-Trichlorobenzene	7.83	180	436312	38.77	ng		98
31) Naphthalene	7.90	128	1251481	35.46	ng		100
32) Benzoic acid	7.70	122	324980	42.02	ng		96
33) 4-Chloroaniline	7.95	127	421570	29.61	ng		98
34) Hexachlorobutadiene	8.02	225	248645	37.70	ng		98
35) Caprolactam	8.34	113	124009	38.17	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	409785	37.59	ng	#	80
37) 2-Methylnaphthalene	8.59	142	916122	39.29	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	404030	37.96	ng		99
40) Hexachlorocyclopentadiene	8.74	237	202287	37.06	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	296257	40.16	ng		97
43) 2,4,5-Trichlorophenol	8.91	196	313442	44.19	ng		96
45) 1,1'-Biphenyl	9.06	154	1188813	40.64	ng		95
46) 2-Chloronaphthalene	9.07	162	807244	39.01	ng		99
47) 2-Nitroaniline	9.18	65	266786	39.44	ng		93
48) Acenaphthylene	9.48	152	1292616	37.78	ng		99
49) Dimethylphthalate	9.37	163	1059333	40.34	ng		99
50) 2,6-Dinitrotoluene	9.43	165	259158	44.37	ng	#	75
51) Acenaphthene	9.66	154	828436	38.21	ng		99
52) 3-Nitroaniline	9.59	138	233541	35.06	ng		95
53) 2,4-Dinitrophenol	9.69	184	115535	40.07	ng		92
54) Dibenzofuran	9.83	168	1059709	36.47	ng		98
55) 4-Nitrophenol	9.76	139	190685	37.95	ng	#	65
56) 2,4-Dinitrotoluene	9.83	165	302295	40.81	ng	#	91
57) Fluorene	10.17	166	864949	40.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	265491	43.72	ng		96
59) Diethylphthalate	10.07	149	975747	39.49	ng		97
60) 4-Chlorophenyl-phenylether	10.17	204	404028	40.44	ng	#	88
61) 4-Nitroaniline	10.20	138	268095	40.96	ng		98
62) Azobenzene	10.33	77	934672	37.88	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	175859	38.92	ng		89
65) n-Nitrosodiphenylamine	10.30	169	832367	39.23	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	278622	39.22	ng	#	91
67) Hexachlorobenzene	10.72	284	326371	40.22	ng	#	70
68) Atrazine	10.82	200	253688	35.82	ng		98
69) Pentachlorophenol	10.91	266	195675	44.82	ng		99
70) Phenanthrene	11.12	178	1270350	36.15	ng		99
71) Anthracene	11.18	178	1471328	41.28	ng		99
72) Carbazole	11.34	167	1371011	41.02	ng		98
73) Di-n-butylphthalate	11.68	149	1509168	38.74	ng		99
74) Fluoranthene	12.30	202	1379889	37.47	ng		98
76) Benzidine	12.43	184	360402	21.75	ng		99
77) Pyrene	12.53	202	1456469	47.23	ng		99
79) Butylbenzylphthalate	13.17	149	581831	46.78	ng	#	76
80) Benzo(a)anthracene	13.70	228	1047982	39.12	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	317881	32.87	ng	#	96
82) Chrysene	13.74	228	865324	34.58	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	745800	43.35	ng	#	97
84) Di-n-octyl phthalate	14.33	149	1065088	38.36	ng		100
85) Indeno(1,2,3-cd)pyrene	16.26	276	993979	53.72	ng		99
87) Benzo(b)fluoranthene	14.70	252	917600m	38.74	ng		
88) Benzo(k)fluoranthene	14.72	252	656218m	32.65	ng		
89) Benzo(a)pyrene	14.99	252	771156	38.00	ng	#	96
90) Dibenzo(a,h)anthracene	16.29	278	817795	55.00	ng		99
91) Benzo(g,h,i)perylene	16.63	276	840743	56.17	ng		98

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

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