Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093665.D
Acq On : 15 Mar 2017 14:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 15 16:39:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	166932	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	671251	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	305978	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	585351	20.00	ng		0.00
75) Chrysene-d12	13.90	240	468197	20.00	ng		0.01
86) Perylene-d12	15.29	264	359737	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	767055	76.48	ng		-0.01
7) Phenol-d6	6.37	99	1034638	81.80	ng		-0.01
23) Nitrobenzene-d5	7.29	82	948977	78.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	194837	97.74	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1513106	91.98	ng		0.00
78) Terphenyl-d14	12.84	244	1581532	87.82	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	241657	43.74	ng		85
3) Pyridine	2.85	79	488430	34.68	ng		85
4) n-Nitrosodimethylamine	2.81	42	290894	43.24	ng		82
6) Aniline	6.39	93	299615	17.26	ng		90
8) 2-Chlorophenol	6.50	128	457907	40.75	ng		96
9) Benzaldehyde	6.26	77	249416	28.89	ng		87
10) Phenol	6.38	94	667394	43.06	ng		79
11) bis(2-Chloroethyl)ether	6.45	93	509225	40.65	ng		93
12) 1,3-Dichlorobenzene	6.64	146	540077m	41.99	ng		
13) 1,4-Dichlorobenzene	6.72	146	553101	42.00	ng		98
14) 1,2-Dichlorobenzene	6.88	146	479615	41.13	ng		95
15) Benzyl Alcohol	6.89	79	110545	12.26	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	814297	39.13	ng		55
17) 2-Methylphenol	7.00	107	387425	40.76	ng	#	87
18) Hexachloroethane	7.21	117	173357	39.03	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	347345	39.94	ng	#	93
20) 3+4-Methylphenols	7.16	107	522325	42.37	ng	#	73
22) Acetophenone	7.13	105	654124	40.50	ng		99
24) Nitrobenzene	7.30	77	506601	37.26	ng		97
25) Isophorone	7.54	82	892352	36.58	ng		94
26) 2-Nitrophenol	7.62	139	243934	39.32	ng	#	87
27) 2,4-Dimethylphenol	7.68	122	359115	35.59	ng		93
28) bis(2-Chloroethoxy)methane	7.76	93	603230	39.17	ng		99
29) 2,4-Dichlorophenol	7.89	162	400895	42.23	ng		88
30) 1,2,4-Trichlorobenzene	7.94	180	388757	38.50	ng		95
31) Naphthalene	8.02	128	1313201	39.04	ng		99
32) Benzoic acid	7.84	122	114912	21.91	ng		97
33) 4-Chloroaniline	8.17	127	542578	39.75	ng		97
34) Hexachlorobutadiene	8.14	225	212039	40.77	ng		98
35) Caprolactam	8.48	113	117943	36.38	ng	#	42
36) 4-Chloro-3-methylphenol	8.60	107	409486	40.41	ng		92
37) 2-Methylnaphthalene	8.72	142	844393	39.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	384310	46.00	ng		99
40) Hexachlorocyclopentadiene	8.87	237	67505	39.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	233572	44.74	ng		92
43) 2,4,5-Trichlorophenol	9.08	196	231673	41.36	ng	#	88
45) 1,1'-Biphenyl	9.18	154	1019870	45.76	ng		96
46) 2-Chloronaphthalene	9.21	162	816186	47.84	ng		97
47) 2-Nitroaniline	9.33	65	279997	46.42	ng		99
48) Acenaphthylene	9.62	152	1327662	47.18	ng		99
49) Dimethylphthalate	9.50	163	916331	45.17	ng		100
50) 2,6-Dinitrotoluene	9.57	165	200224	44.98	ng	#	76
51) Acenaphthene	9.80	154	766029	46.04	ng		97
52) 3-Nitroaniline	9.76	138	213183	39.87	ng	#	85
53) 2,4-Dinitrophenol	9.89	184	34886	17.21	ng	#	64
54) Dibenzofuran	9.97	168	1018629	48.91	ng		96
55) 4-Nitrophenol	9.96	139	24402m	9.39	ng		
56) 2,4-Dinitrotoluene	9.98	165	280525	51.30	ng	#	89
57) Fluorene	10.31	166	845632m	47.92	ng		
58) 2,3,4,6-Tetrachlorophenol	10.10	232	193460	48.94	ng	#	90
59) Diethylphthalate	10.20	149	908071	46.84	ng		94
60) 4-Chlorophenyl-phenylether	10.30	204	373865	47.26	ng		94
61) 4-Nitroaniline	10.37	138	185898	33.99	ng		92
62) Azobenzene	10.46	77	940168	42.68	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	126268	33.29	ng		90
65) n-Nitrosodiphenylamine	10.42	169	679098	34.74	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	233607	37.74	ng		96
67) Hexachlorobenzene	10.86	284	228810	38.71	ng	#	85
68) Atrazine	10.96	200	197712	34.56	ng		99
69) Pentachlorophenol	11.08	266	41672	20.42	ng		99
70) Phenanthrene	11.27	178	1220435	36.53	ng		99
71) Anthracene	11.33	178	1335427	39.51	ng		98
72) Carbazole	11.50	167	1302608	41.03	ng		97
73) Di-n-butylphthalate	11.81	149	1400482	38.13	ng		98
74) Fluoranthene	12.46	202	1317219	40.81	ng		97
76) Benzidine	12.63	184	165435	10.75	ng		99
77) Pyrene	12.69	202	1341680	39.40	ng		99
79) Butylbenzylphthalate	13.31	149	608150	42.43	ng		99
80) Benzo(a)anthracene	13.89	228	1056322	38.20	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	339700	35.08	ng		97
82) Chrysene	13.92	228	1090529	42.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	927498	46.42	ng	#	98
84) Di-n-octyl phthalate	14.47	149	1387248	41.66	ng		95
85) Indeno(1,2,3-cd)pyrene	16.65	276	754094	35.22	ng	#	93
87) Benzo(b)fluoranthene	14.91	252	927285m	42.32	ng		
88) Benzo(k)fluoranthene	14.93	252	781906m	37.01	ng		
89) Benzo(a)pyrene	15.24	252	784542	39.18	ng	#	96
90) Dibenzo(a,h)anthracene	16.64	278	638160	38.52	ng		95
91) Benzo(g,h,i)perylene	17.05	276	663340	39.02	ng	#	92

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

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