Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
Data File : BF089110.D
Acq On : 19 Jul 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 15:30:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	50423	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	199403	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	95853	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	188766	20.00	ng		0.00
75) Chrysene-d12	13.76	240	142545	20.00	ng		0.00
86) Perylene-d12	15.11	264	111935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	263391	78.29	ng		0.00
7) Phenol-d6	6.28	99	333143	76.63	ng		0.00
23) Nitrobenzene-d5	7.20	82	318641	83.74	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	62816	70.57	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	583009	96.07	ng		0.00
78) Terphenyl-d14	12.72	244	511297	79.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	54621	32.75	ng	#	30
3) Pyridine	2.70	79	158995	32.85	ng		94
4) n-Nitrosodimethylamine	2.66	42	63786	34.50	ng		99
6) Aniline	6.28	93	216361	34.15	ng	#	67
8) 2-Chlorophenol	6.41	128	145719	40.30	ng		97
9) Benzaldehyde	6.16	77	96394	32.73	ng		83
10) Phenol	6.30	94	198571	40.02	ng		81
11) bis(2-Chloroethyl)ether	6.36	93	128276	34.67	ng		90
12) 1,3-Dichlorobenzene	6.56	146	148764m	37.39	ng		
13) 1,4-Dichlorobenzene	6.64	146	150305	38.06	ng		95
14) 1,2-Dichlorobenzene	6.80	146	161303	43.63	ng		95
15) Benzyl Alcohol	6.78	79	116191	36.32	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	164579	30.72	ng		63
17) 2-Methylphenol	6.90	107	107643	36.49	ng	#	91
18) Hexachloroethane	7.14	117	58406	38.23	ng	#	88
19) n-Nitroso-di-n-propylamine	7.05	70	106795	36.57	ng		96
20) 3+4-Methylphenols	7.06	107	150353	42.47	ng	#	78
22) Acetophenone	7.05	105	225161	46.52	ng		97
24) Nitrobenzene	7.21	77	151315	39.44	ng	#	78
25) Isophorone	7.46	82	282529	40.08	ng		97
26) 2-Nitrophenol	7.53	139	70649	44.91	ng	#	93
27) 2,4-Dimethylphenol	7.59	122	133220	40.66	ng		88
28) bis(2-Chloroethoxy)methane	7.68	93	195208	42.56	ng	#	96
29) 2,4-Dichlorophenol	7.78	162	121593	45.92	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	129907	44.70	ng		98
31) Naphthalene	7.93	128	409474	41.65	ng		100
32) Benzoic acid	7.74	122	91887	38.62	ng		89
33) 4-Chloroaniline	7.99	127	168811	38.60	ng		95
34) Hexachlorobutadiene	8.06	225	68170	43.81	ng		98
35) Caprolactam	8.38	113	39292	43.69	ng	#	63
36) 4-Chloro-3-methylphenol	8.49	107	152769	48.78	ng		99
37) 2-Methylnaphthalene	8.63	142	300653	47.50	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	145448	45.62	ng	#	1
40) Hexachlorocyclopentadiene	8.78	237	51058	32.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	86235	41.03	ng		100
43) 2,4,5-Trichlorophenol	8.95	196	80223	44.36	ng	#	79
45) 1,1'-Biphenyl	9.10	154	350004	44.10	ng		95
46) 2-Chloronaphthalene	9.11	162	248175	39.83	ng		95
47) 2-Nitroaniline	9.21	65	88328	39.94	ng		96
48) Acenaphthylene	9.52	152	397090	40.05	ng		99
49) Dimethylphthalate	9.40	163	310523	45.47	ng		98
50) 2,6-Dinitrotoluene	9.46	165	73389	48.49	ng		94
51) Acenaphthene	9.69	154	230357	37.90	ng		99
52) 3-Nitroaniline	9.62	138	73904	38.41	ng		91
53) 2,4-Dinitrophenol	9.74	184	30156	45.13	ng	#	88
54) Dibenzofuran	9.86	168	308106	38.73	ng	#	85
55) 4-Nitrophenol	9.80	139	58787	40.21	ng		87
56) 2,4-Dinitrotoluene	9.86	165	95578	48.30	ng	#	56
57) Fluorene	10.20	166	270482	44.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	59113	42.25	ng	#	48
59) Diethylphthalate	10.09	149	280889	40.99	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	136918	48.07	ng		96
61) 4-Nitroaniline	10.24	138	85853	46.37	ng		94
62) Azobenzene	10.36	77	323008	41.32	ng		94
64) 4,6-Dinitro-2-methylphenol	10.27	198	48696	48.23	ng	#	67
65) n-Nitrosodiphenylamine	10.32	169	240054	37.57	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	68537	36.03	ng	#	71
67) Hexachlorobenzene	10.75	284	80213	38.09	ng		95
68) Atrazine	10.86	200	75063	37.71	ng		93
69) Pentachlorophenol	10.95	266	43282	34.73	ng		96
70) Phenanthrene	11.15	178	401066	38.87	ng		98
71) Anthracene	11.21	178	439989	42.88	ng		98
72) Carbazole	11.37	167	421556	43.65	ng		99
73) Di-n-butylphthalate	11.71	149	466777	41.55	ng		98
74) Fluoranthene	12.34	202	465112	44.46	ng		93
76) Benzidine	12.47	184	326513	45.32	ng		98
77) Pyrene	12.56	202	419634	34.72	ng		99
79) Butylbenzylphthalate	13.19	149	177399	32.91	ng	#	70
80) Benzo(a)anthracene	13.75	228	343002	37.37	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	116619	33.79	ng	#	96
82) Chrysene	13.78	228	302077	33.26	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	252699	41.06	ng	#	100
84) Di-n-octyl phthalate	14.37	149	388485	37.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.35	276	236126	33.80	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	281053m	40.03	ng		
88) Benzo(k)fluoranthene	14.77	252	247445m	40.48	ng		
89) Benzo(a)pyrene	15.05	252	245309	41.26	ng		100
90) Dibenzo(a,h)anthracene	16.37	278	203597	41.01	ng		97
91) Benzo(g,h,i)perylene	16.72	276	204986	39.90	ng		99

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

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