Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
Data File : BF089014.D
Acq On : 15 Jul 2016 13:55
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 15 23:08:58 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	56305	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	235897	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	114422	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	222823	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	159069	20.00	ng		-0.03
86) Perylene-d12	15.18	264	133580	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	314402	83.69	ng		-0.02
7) Phenol-d6	6.33	99	361457	74.46	ng		-0.02
23) Nitrobenzene-d5	7.24	82	344823	76.60	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	83112	78.22	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	630990	87.11	ng		-0.03
78) Terphenyl-d14	12.78	244	608357	85.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	62543	33.58	ng	#	30
3) Pyridine	2.81	79	169238	31.31	ng		94
4) n-Nitrosodimethylamine	2.78	42	76918	37.25	ng		99
6) Aniline	6.34	93	261874	37.02	ng	#	31
8) 2-Chlorophenol	6.47	128	171934	42.58	ng		87
9) Benzaldehyde	6.22	77	112852	34.32	ng		87
10) Phenol	6.34	94	192360	34.72	ng	#	38
11) bis(2-Chloroethyl)ether	6.42	93	164004	39.70	ng		87
12) 1,3-Dichlorobenzene	6.62	146	182215	41.01	ng		98
13) 1,4-Dichlorobenzene	6.70	146	190191	43.12	ng		97
14) 1,2-Dichlorobenzene	6.84	146	154773	37.49	ng	#	87
15) Benzyl Alcohol	6.83	79	146308	40.95	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.97	45	192640	32.20	ng		87
17) 2-Methylphenol	6.95	107	127890	38.83	ng		92
18) Hexachloroethane	7.19	117	69180	40.55	ng	#	83
19) n-Nitroso-di-n-propylamine	7.11	70	128044	39.27	ng		92
20) 3+4-Methylphenols	7.11	107	160800	40.67	ng	#	82
22) Acetophenone	7.10	105	238717	41.69	ng	#	92
24) Nitrobenzene	7.27	77	194523	42.86	ng	#	85
25) Isophorone	7.51	82	311322	37.34	ng		94
26) 2-Nitrophenol	7.59	139	94092	50.56	ng	#	82
27) 2,4-Dimethylphenol	7.63	122	147323	38.01	ng		89
28) bis(2-Chloroethoxy)methane	7.72	93	198562	36.59	ng	#	94
29) 2,4-Dichlorophenol	7.83	162	123976	39.57	ng		96
30) 1,2,4-Trichlorobenzene	7.91	180	139992	40.72	ng		98
31) Naphthalene	7.99	128	508385	43.71	ng		99
32) Benzoic acid	7.78	122	104188	37.02	ng		86
33) 4-Chloroaniline	8.04	127	226648	43.80	ng		96
34) Hexachlorobutadiene	8.11	225	80686	43.83	ng		98
35) Caprolactam	8.42	113	39196	36.84	ng		94
36) 4-Chloro-3-methylphenol	8.54	107	160657	43.37	ng		93
37) 2-Methylnaphthalene	8.67	142	293054	39.14	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	157202	41.31	ng	#	1
40) Hexachlorocyclopentadiene	8.83	237	60977	32.64	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	92488	36.86	ng		97
43) 2,4,5-Trichlorophenol	9.00	196	98249	45.51	ng	#	92
45) 1,1'-Biphenyl	9.14	154	378799	39.98	ng		99
46) 2-Chloronaphthalene	9.16	162	309274	41.58	ng		98
47) 2-Nitroaniline	9.27	65	110622	41.91	ng	#	73
48) Acenaphthylene	9.58	152	495076	41.83	ng		99
49) Dimethylphthalate	9.45	163	330503	40.54	ng		99
50) 2,6-Dinitrotoluene	9.51	165	69902	38.69	ng	#	46
51) Acenaphthene	9.75	154	279252	38.49	ng		97
52) 3-Nitroaniline	9.68	138	102743	44.74	ng		92
53) 2,4-Dinitrophenol	9.78	184	40388	50.63	ng		91
54) Dibenzofuran	9.92	168	395710	41.67	ng	#	88
55) 4-Nitrophenol	9.85	139	66776	38.26	ng		93
56) 2,4-Dinitrotoluene	9.91	165	90311	38.23	ng	#	40
57) Fluorene	10.26	166	353705	48.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	70534	42.23	ng	#	52
59) Diethylphthalate	10.15	149	373503	45.65	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	136206	40.06	ng	#	83
61) 4-Nitroaniline	10.28	138	82161	37.17	ng	#	76
62) Azobenzene	10.41	77	344123	36.88	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	56634	47.52	ng		94
65) n-Nitrosodiphenylamine	10.38	169	291695	38.68	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	91976	40.96	ng	#	87
67) Hexachlorobenzene	10.81	284	97741	39.32	ng	#	76
68) Atrazine	10.90	200	94091	40.04	ng		90
69) Pentachlorophenol	11.00	266	46005	31.27	ng		98
70) Phenanthrene	11.21	178	433996	35.63	ng		99
71) Anthracene	11.27	178	538466	44.46	ng		98
72) Carbazole	11.42	167	421595	36.98	ng		99
73) Di-n-butylphthalate	11.76	149	522005	39.37	ng		99
74) Fluoranthene	12.39	202	480961	38.95	ng		98
76) Benzidine	12.52	184	505342	62.85	ng		99
77) Pyrene	12.62	202	476857	35.36	ng		99
79) Butylbenzylphthalate	13.25	149	224126	37.25	ng	#	77
80) Benzo(a)anthracene	13.81	228	409864	40.02	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	153733	39.92	ng	#	97
82) Chrysene	13.84	228	386363	38.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.81	149	302689	44.07	ng	#	96
84) Di-n-octyl phthalate	14.42	149	523816	44.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.45	276	273571	35.09	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	327913m	39.13	ng		
88) Benzo(k)fluoranthene	14.83	252	321321m	44.05	ng		
89) Benzo(a)pyrene	15.12	252	289428	40.79	ng		97
90) Dibenzo(a,h)anthracene	16.47	278	240862	40.66	ng	#	93
91) Benzo(g,h,i)perylene	16.83	276	233498	38.09	ng		96

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

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