Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088476.D
Acq On : 28 Jun 2016 4:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 28 07:19:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 28 05:25:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	153495	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	603777	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	245154	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	374955	20.00	ng		0.00
75) Chrysene-d12	13.69	240	289438	20.00	ng		0.00
86) Perylene-d12	15.05	264	322293	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	743875	82.85	ng		0.00
7) Phenol-d6	6.24	99	808203	74.27	ng		0.01
23) Nitrobenzene-d5	7.14	82	816967	79.01	ng		0.01
41) 2,4,6-Tribromophenol	10.38	330	147803	57.10	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1304272	83.48	ng		0.00
78) Terphenyl-d14	12.64	244	784717	61.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	161126	36.93	ng	#	43
3) Pyridine	2.55	79	404242	39.24	ng		94
4) n-Nitrosodimethylamine	2.55	42	159987	36.67	ng		84
6) Aniline	6.22	93	516056	33.32	ng		93
8) 2-Chlorophenol	6.34	128	416942	39.23	ng		90
9) Benzaldehyde	6.09	77	250647	35.36	ng		93
10) Phenol	6.25	94	538685	48.12	ng		95
11) bis(2-Chloroethyl)ether	6.30	93	408728	42.84	ng		89
12) 1,3-Dichlorobenzene	6.48	146	434705	38.12	ng		100
13) 1,4-Dichlorobenzene	6.56	146	433937	37.78	ng		97
14) 1,2-Dichlorobenzene	6.72	146	389892	37.32	ng	#	93
15) Benzyl Alcohol	6.73	79	314470	36.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	381023	29.56	ng	#	15
17) 2-Methylphenol	6.84	107	317268	36.81	ng	#	78
18) Hexachloroethane	7.05	117	161027	39.51	ng		95
19) n-Nitroso-di-n-propylamine	7.00	70	267073	38.37	ng	#	77
20) 3+4-Methylphenols	7.00	107	400137	39.79	ng	#	80
22) Acetophenone	6.98	105	570050	42.25	ng	#	97
24) Nitrobenzene	7.15	77	371203	37.06	ng		90
25) Isophorone	7.40	82	760676	39.72	ng		96
26) 2-Nitrophenol	7.46	139	204714	38.16	ng		92
27) 2,4-Dimethylphenol	7.53	122	361246	36.57	ng		94
28) bis(2-Chloroethoxy)methane	7.61	93	478890	40.32	ng		98
29) 2,4-Dichlorophenol	7.72	162	309844	37.57	ng		91
30) 1,2,4-Trichlorobenzene	7.78	180	334919	37.29	ng		98
31) Naphthalene	7.86	128	1128045	37.75	ng		99
32) Benzoic acid	7.72	122	131479	24.17	ng		98
33) 4-Chloroaniline	7.93	127	483361	36.23	ng		95
34) Hexachlorobutadiene	7.98	225	186789	39.44	ng		99
35) Caprolactam	8.35	113	99475m	36.41	ng		
36) 4-Chloro-3-methylphenol	8.44	107	334547	37.93	ng		88
37) 2-Methylnaphthalene	8.55	142	642589	32.63	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	297506	47.53	ng	#	1
40) Hexachlorocyclopentadiene	8.70	237	44650	11.29	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	178658	36.44	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	159779	31.33	ng		97
45) 1,1'-Biphenyl	9.02	154	744915	39.76	ng		98
46) 2-Chloronaphthalene	9.04	162	617648	38.93	ng		99
47) 2-Nitroaniline	9.15	65	187481	40.06	ng	#	84
48) Acenaphthylene	9.45	152	1012668	40.13	ng		99
49) Dimethylphthalate	9.34	163	782333	44.05	ng		100
50) 2,6-Dinitrotoluene	9.40	165	183379	45.09	ng	#	78
51) Acenaphthene	9.62	154	569916	36.20	ng		98
52) 3-Nitroaniline	9.58	138	198357	42.27	ng		84
53) 2,4-Dinitrophenol	9.71	184	13585	10.36	ng	#	88
54) Dibenzofuran	9.79	168	851484	39.28	ng	#	88
55) 4-Nitrophenol	9.78	139	155113m	42.59	ng		
56) 2,4-Dinitrotoluene	9.80	165	200924	38.44	ng	#	66
57) Fluorene	10.14	166	611773	41.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	132924	33.16	ng	#	58
59) Diethylphthalate	10.02	149	748588	41.64	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	243924	33.83	ng		92
61) 4-Nitroaniline	10.19	138	172363	38.72	ng		97
62) Azobenzene	10.28	77	642600	36.15	ng		97
64) 4,6-Dinitro-2-methylphenol	10.23	198	28363	13.73	ng	#	74
65) n-Nitrosodiphenylamine	10.25	169	551092	44.29	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	178782	44.44	ng		94
67) Hexachlorobenzene	10.67	284	156934	37.55	ng		94
68) Atrazine	10.79	200	131606	34.93	ng		91
69) Pentachlorophenol	10.89	266	84063	38.16	ng		95
70) Phenanthrene	11.08	178	728112	37.01	ng		99
71) Anthracene	11.14	178	856909	43.18	ng		99
72) Carbazole	11.30	167	723703	38.97	ng		100
73) Di-n-butylphthalate	11.63	149	960470	40.85	ng		99
74) Fluoranthene	12.26	202	692239	33.34	ng		98
76) Benzidine	12.40	184	221254	27.61	ng		98
77) Pyrene	12.49	202	680608	31.69	ng		99
79) Butylbenzylphthalate	13.12	149	388440	40.91	ng		98
80) Benzo(a)anthracene	13.68	228	574920	34.86	ng		100
81) 3,3'-Dichlorobenzidine	13.65	252	200108	45.11	ng	#	95
82) Chrysene	13.73	228	693291	44.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.68	149	452906	39.18	ng	#	100
84) Di-n-octyl phthalate	14.29	149	860843	45.83	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.30	276	636381	44.14	ng	#	100
87) Benzo(b)fluoranthene	14.69	252	674213m	30.01	ng		
88) Benzo(k)fluoranthene	14.71	252	716546m	42.29	ng		
89) Benzo(a)pyrene	14.99	252	674769	37.13	ng		99
90) Dibenzo(a,h)anthracene	16.29	278	547427	32.43	ng		98
91) Benzo(g,h,i)perylene	16.65	276	519130	29.90	ng		99

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

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