Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088107.D
Acq On : 17 Jun 2016 22:00
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/20/2016 6:50:36 PM

Quant Time: Jun 18 00:59:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	141813	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	585484	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	259511	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	473056	20.00	ng		0.00
75) Chrysene-d12	13.85	240	300180	20.00	ng		0.00
86) Perylene-d12	15.22	264	274562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	585747	70.61	ng		0.00
7) Phenol-d6	6.35	99	727143	72.33	ng		0.00
23) Nitrobenzene-d5	7.28	82	748970	74.70	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	163053	59.51	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1291801	77.72	ng		0.00
78) Terphenyl-d14	12.80	244	945475	71.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	155743	38.64	ng	#	43
3) Pyridine	2.84	79	398598	41.88	ng		93
4) n-Nitrosodimethylamine	2.81	42	156768	38.89	ng		83
6) Aniline	6.36	93	497631	34.78	ng	#	23
8) 2-Chlorophenol	6.49	128	385861	39.30	ng		83
9) Benzaldehyde	6.24	77	156868	20.42	ng		92
10) Phenol	6.36	94	393289	37.47	ng	#	58
11) bis(2-Chloroethyl)ether	6.44	93	363684	41.26	ng		89
12) 1,3-Dichlorobenzene	6.64	146	404969	38.44	ng		96
13) 1,4-Dichlorobenzene	6.72	146	416551	39.25	ng		98
14) 1,2-Dichlorobenzene	6.87	146	326547m	33.84	ng		
15) Benzyl Alcohol	6.86	79	230885	29.36	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	437406	36.73	ng		85
17) 2-Methylphenol	6.97	107	308641	38.76	ng		99
18) Hexachloroethane	7.21	117	148727	39.50	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	239492	37.24	ng	#	76
20) 3+4-Methylphenols	7.13	107	308402	33.19	ng		97
22) Acetophenone	7.12	105	489197	37.39	ng	#	96
24) Nitrobenzene	7.29	77	336884	34.69	ng		87
25) Isophorone	7.54	82	724460	39.01	ng		96
26) 2-Nitrophenol	7.61	139	229029	44.02	ng	#	81
27) 2,4-Dimethylphenol	7.66	122	327805	34.22	ng		94
28) bis(2-Chloroethoxy)methane	7.75	93	421655	36.61	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	301802	37.74	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	310978	35.71	ng		99
31) Naphthalene	8.01	128	1033445	35.67	ng		100
32) Benzoic acid	7.82	122	224842	42.63	ng		94
33) 4-Chloroaniline	8.07	127	410376	31.72	ng	#	94
34) Hexachlorobutadiene	8.12	225	157299	34.25	ng		99
35) Caprolactam	8.47	113	103422	39.04	ng	#	82
36) 4-Chloro-3-methylphenol	8.56	107	296669	34.68	ng		100
37) 2-Methylnaphthalene	8.70	142	637446	33.38	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	288155	41.58	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	112689	26.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	192571	37.11	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	203789	37.74	ng	#	91
45) 1,1'-Biphenyl	9.16	154	713573	35.29	ng		97
46) 2-Chloronaphthalene	9.19	162	604541	36.00	ng		99
47) 2-Nitroaniline	9.29	65	180821	36.50	ng		87
48) Acenaphthylene	9.60	152	831292	31.12	ng		99
49) Dimethylphthalate	9.48	163	803644	42.75	ng		98
50) 2,6-Dinitrotoluene	9.54	165	195347	45.38	ng	#	90
51) Acenaphthene	9.77	154	510109	30.61	ng		99
52) 3-Nitroaniline	9.70	138	194259	39.10	ng		96
53) 2,4-Dinitrophenol	9.82	184	78781	39.25	ng	#	81
54) Dibenzofuran	9.94	168	706433	30.78	ng	#	88
55) 4-Nitrophenol	9.87	139	116585	30.24	ng		96
56) 2,4-Dinitrotoluene	9.94	165	187606	33.91	ng	#	55
57) Fluorene	10.28	166	553707	34.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	171207	40.35	ng	#	56
59) Diethylphthalate	10.17	149	688919	36.20	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	262089	34.34	ng		89
61) 4-Nitroaniline	10.32	138	163465	34.69	ng		99
62) Azobenzene	10.43	77	715472	38.02	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	124938	42.56	ng	#	59
65) n-Nitrosodiphenylamine	10.40	169	574031	36.57	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	175502	34.58	ng	#	84
67) Hexachlorobenzene	10.83	284	208232	39.49	ng	#	83
68) Atrazine	10.94	200	187186	39.38	ng		93
69) Pentachlorophenol	11.03	266	98640	35.49	ng		97
70) Phenanthrene	11.24	178	972532	39.18	ng		99
71) Anthracene	11.29	178	858268	34.28	ng		100
72) Carbazole	11.45	167	826280	35.26	ng		99
73) Di-n-butylphthalate	11.78	149	1025148	34.56	ng		100
74) Fluoranthene	12.42	202	866086	33.06	ng		99
76) Benzidine	12.56	184	112821	13.57	ng		100
77) Pyrene	12.65	202	928856	41.70	ng		100
79) Butylbenzylphthalate	13.27	149	459304	46.64	ng	#	81
80) Benzo(a)anthracene	13.83	228	611730	35.76	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	175582	38.17	ng		99
82) Chrysene	13.87	228	679270	42.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	531299	44.32	ng	#	97
84) Di-n-octyl phthalate	14.45	149	955474	49.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	650694	43.52	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	649361m	33.93	ng		
88) Benzo(k)fluoranthene	14.87	252	554178m	38.39	ng		
89) Benzo(a)pyrene	15.18	252	602240	38.90	ng	#	95
90) Dibenzo(a,h)anthracene	16.55	278	532049	37.00	ng		98
91) Benzo(g,h,i)perylene	16.93	276	574830	38.86	ng		98

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

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