Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088109.D
Acq On : 17 Jun 2016 23:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/20/2016 6:50:34 PM

Quant Time: Jun 18 01:03:47 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	143712	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	594071	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	264960	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	477774	20.00	ng		0.00
75) Chrysene-d12	13.85	240	298370	20.00	ng		0.00
86) Perylene-d12	15.22	264	277668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	595906	70.89	ng		0.00
7) Phenol-d6	6.35	99	750791	73.69	ng		0.00
23) Nitrobenzene-d5	7.28	82	757954	74.50	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	162759	58.18	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1299136	76.47	ng		0.00
78) Terphenyl-d14	12.80	244	952769	72.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	179803	44.02	ng	#	44
3) Pyridine	2.84	79	445259	46.17	ng		94
4) n-Nitrosodimethylamine	2.82	42	151700	37.14	ng		81
6) Aniline	6.36	93	503533	34.72	ng	#	25
8) 2-Chlorophenol	6.49	128	395850	39.78	ng		83
9) Benzaldehyde	6.24	77	166405	21.61	ng		92
10) Phenol	6.36	94	395897	37.21	ng	#	56
11) bis(2-Chloroethyl)ether	6.44	93	375810	42.07	ng		89
12) 1,3-Dichlorobenzene	6.64	146	422333	39.56	ng		95
13) 1,4-Dichlorobenzene	6.72	146	433783	40.34	ng		98
14) 1,2-Dichlorobenzene	6.87	146	337871m	34.55	ng		
15) Benzyl Alcohol	6.86	79	236826	29.71	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	444260	36.81	ng		85
17) 2-Methylphenol	6.97	107	318026	39.41	ng		99
18) Hexachloroethane	7.21	117	157699	41.32	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	249489	38.28	ng	#	78
20) 3+4-Methylphenols	7.13	107	309825	32.91	ng		96
22) Acetophenone	7.12	105	505949	38.11	ng	#	96
24) Nitrobenzene	7.29	77	356418	36.17	ng		88
25) Isophorone	7.54	82	737667	39.15	ng		97
26) 2-Nitrophenol	7.61	139	231534	43.86	ng	#	83
27) 2,4-Dimethylphenol	7.66	122	338361	34.81	ng		94
28) bis(2-Chloroethoxy)methane	7.75	93	424231	36.30	ng	#	97
29) 2,4-Dichlorophenol	7.85	162	310392	38.25	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	315413	35.69	ng		99
31) Naphthalene	8.01	128	1049421	35.70	ng		100
32) Benzoic acid	7.83	122	210793	39.39	ng		92
33) 4-Chloroaniline	8.07	127	413102	31.47	ng		95
34) Hexachlorobutadiene	8.12	225	162735	34.92	ng		98
35) Caprolactam	8.47	113	100490	37.38	ng	#	85
36) 4-Chloro-3-methylphenol	8.56	107	296387	34.15	ng		98
37) 2-Methylnaphthalene	8.70	142	667096	34.43	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	284284	39.59	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	112618	26.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	195751	36.94	ng		95
43) 2,4,5-Trichlorophenol	9.03	196	205388	37.26	ng	#	91
45) 1,1'-Biphenyl	9.16	154	731121	35.44	ng		98
46) 2-Chloronaphthalene	9.19	162	600988	35.05	ng		100
47) 2-Nitroaniline	9.29	65	183761	36.33	ng		87
48) Acenaphthylene	9.60	152	850007	31.17	ng		100
49) Dimethylphthalate	9.48	163	802055	41.79	ng		99
50) 2,6-Dinitrotoluene	9.54	165	199675	45.43	ng		97
51) Acenaphthene	9.77	154	521077	30.63	ng		98
52) 3-Nitroaniline	9.70	138	194752	38.40	ng		95
53) 2,4-Dinitrophenol	9.82	184	74964	37.03	ng	#	82
54) Dibenzofuran	9.94	168	705378	30.11	ng	#	87
55) 4-Nitrophenol	9.88	139	118149	30.01	ng	#	64
56) 2,4-Dinitrotoluene	9.94	165	193449	34.25	ng	#	59
57) Fluorene	10.28	166	566388	34.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	162036	37.40	ng	#	53
59) Diethylphthalate	10.17	149	691402	35.59	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	259306	33.28	ng		89
61) 4-Nitroaniline	10.32	138	165020	34.30	ng		98
62) Azobenzene	10.43	77	704215	36.65	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	126251	42.58	ng	#	60
65) n-Nitrosodiphenylamine	10.40	169	567763	35.81	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	177776	34.68	ng	#	86
67) Hexachlorobenzene	10.83	284	208144	39.08	ng	#	80
68) Atrazine	10.94	200	188031	39.17	ng		93
69) Pentachlorophenol	11.03	266	92744	33.04	ng		97
70) Phenanthrene	11.24	178	973027	38.81	ng		99
71) Anthracene	11.29	178	847549	33.51	ng		100
72) Carbazole	11.45	167	846716	35.78	ng		99
73) Di-n-butylphthalate	11.78	149	992976	33.15	ng		99
74) Fluoranthene	12.42	202	869021	32.85	ng		99
76) Benzidine	12.55	184	246917	29.89	ng		99
77) Pyrene	12.65	202	926248	41.83	ng		100
79) Butylbenzylphthalate	13.27	149	469513	47.96	ng	#	80
80) Benzo(a)anthracene	13.83	228	621062	36.53	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	164801	36.04	ng		100
82) Chrysene	13.87	228	675839	42.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	529286	44.42	ng	#	96
84) Di-n-octyl phthalate	14.45	149	975359	50.37	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	655255	44.09	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	654993m	33.84	ng		
88) Benzo(k)fluoranthene	14.87	252	563930m	38.63	ng		
89) Benzo(a)pyrene	15.18	252	603896	38.57	ng	#	94
90) Dibenzo(a,h)anthracene	16.55	278	541043	37.20	ng		98
91) Benzo(g,h,i)perylene	16.93	276	588449	39.34	ng		97

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

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