Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086919.D
Acq On : 12 May 2016 7:53
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 15:28:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 15:26:18 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/12/2016 7:00:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	262761	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	954478	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	366016	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	619085	20.00	ng		0.00
75) Chrysene-d12	13.78	240	545325	20.00	ng		0.00
86) Perylene-d12	15.14	264	462479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1198113	77.22	ng		0.00
7) Phenol-d6	6.32	99	1400933	67.56	ng		0.00
23) Nitrobenzene-d5	7.22	82	1514460	79.67	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	281673	72.69	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1690131	77.61	ng		0.00
78) Terphenyl-d14	12.73	244	1643717	63.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	306723	40.27	ng	#	71
3) Pyridine	2.73	79	769795	41.34	ng	#	66
4) n-Nitrosodimethylamine	2.71	42	569170	42.15	ng	#	50
6) Aniline	6.31	93	884155	35.25	ng		94
8) 2-Chlorophenol	6.43	128	673061	35.95	ng		91
9) Benzaldehyde	6.18	77	451468	37.60	ng		98
10) Phenol	6.33	94	888419	36.05	ng		88
11) bis(2-Chloroethyl)ether	6.39	93	711789	37.04	ng		87
12) 1,3-Dichlorobenzene	6.57	146	725949	35.83	ng	#	89
13) 1,4-Dichlorobenzene	6.65	146	714436	34.58	ng	#	90
14) 1,2-Dichlorobenzene	6.81	146	629530	34.96	ng		96
15) Benzyl Alcohol	6.80	79	493971	34.50	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1485579	35.55	ng		79
17) 2-Methylphenol	6.92	107	488988	32.82	ng	#	68
18) Hexachloroethane	7.14	117	238106	30.63	ng		94
19) n-Nitroso-di-n-propylamine	7.08	70	547638	37.79	ng	#	86
20) 3+4-Methylphenols	7.08	107	593415	30.50	ng	#	62
22) Acetophenone	7.06	105	937433	41.58	ng	#	96
24) Nitrobenzene	7.23	77	695171	35.55	ng		93
25) Isophorone	7.47	82	1334019	37.82	ng		98
26) 2-Nitrophenol	7.55	139	345299	40.17	ng	#	90
27) 2,4-Dimethylphenol	7.61	122	549985	37.56	ng		88
28) bis(2-Chloroethoxy)methane	7.69	93	698917	36.74	ng		98
29) 2,4-Dichlorophenol	7.80	162	450111	34.93	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	583492	40.49	ng		97
31) Naphthalene	7.95	128	1815753	37.98	ng		99
32) Benzoic acid	7.77	122	243898	28.36	ng	#	78
33) 4-Chloroaniline	8.01	127	641682	34.54	ng	#	92
34) Hexachlorobutadiene	8.07	225	345398	41.31	ng		98
35) Caprolactam	8.41	113	136532	31.14	ng	#	56
36) 4-Chloro-3-methylphenol	8.51	107	454888	29.11	ng		91
37) 2-Methylnaphthalene	8.64	142	1047707	37.49	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	466426	43.83	ng		99
40) Hexachlorocyclopentadiene	8.79	237	37292	7.38	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	259505	36.47	ng		94
43) 2,4,5-Trichlorophenol	8.98	196	260073	35.34	ng		96
45) 1,1'-Biphenyl	9.11	154	1283729	44.09	ng		97
46) 2-Chloronaphthalene	9.13	162	977125	42.84	ng		99
47) 2-Nitroaniline	9.23	65	298535	35.81	ng	#	76
48) Acenaphthylene	9.54	152	1350369	40.25	ng		99
49) Dimethylphthalate	9.42	163	1040903	37.28	ng		100
50) 2,6-Dinitrotoluene	9.48	165	215576	36.68	ng	#	60
51) Acenaphthene	9.71	154	885081	42.41	ng		99
52) 3-Nitroaniline	9.64	138	215924	34.90	ng	#	77
53) 2,4-Dinitrophenol	9.76	184	13237	11.68	ng	#	86
54) Dibenzofuran	9.88	168	1017578	37.98	ng		95
55) 4-Nitrophenol	9.84	139	145883m	37.91	ng		
56) 2,4-Dinitrotoluene	9.88	165	258114	35.49	ng	#	77
57) Fluorene	10.22	166	767710	33.60	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	205290	37.05	ng		94
59) Diethylphthalate	10.11	149	1064021	39.10	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	392892	38.01	ng		94
61) 4-Nitroaniline	10.26	138	222642	37.47	ng	#	71
62) Azobenzene	10.38	77	1119790	38.14	ng		88
64) 4,6-Dinitro-2-methylphenol	10.28	198	32839	8.54	ng	#	51
65) n-Nitrosodiphenylamine	10.34	169	756247	39.76	ng		99
66) 4-Bromophenyl-phenylether	10.71	248	242100	38.57	ng	#	75
67) Hexachlorobenzene	10.76	284	285879	38.97	ng	#	83
68) Atrazine	10.87	200	202309	31.84	ng		94
69) Pentachlorophenol	10.97	266	147362	43.47	ng		98
70) Phenanthrene	11.18	178	1267302	38.36	ng		99
71) Anthracene	11.22	178	1232567	36.48	ng		100
72) Carbazole	11.39	167	1213198	41.77	ng		100
73) Di-n-butylphthalate	11.73	149	1397946	39.41	ng	#	98
74) Fluoranthene	12.35	202	1245178	36.64	ng		99
76) Benzidine	12.49	184	597754	43.00	ng		98
77) Pyrene	12.58	202	1311555	31.41	ng		99
79) Butylbenzylphthalate	13.21	149	614616	34.80	ng	#	69
80) Benzo(a)anthracene	13.77	228	1221005	39.88	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	814358	41.87	ng	#	96
82) Chrysene	13.81	228	1079329	34.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	808442	38.06	ng	#	95
84) Di-n-octyl phthalate	14.39	149	1653976	47.01	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.40	276	939585	36.26	ng		95
87) Benzo(b)fluoranthene	14.78	252	1293538m	43.04	ng		
88) Benzo(k)fluoranthene	14.80	252	834188m	33.90	ng		
89) Benzo(a)pyrene	15.09	252	947028	36.53	ng		96
90) Dibenzo(a,h)anthracene	16.41	278	778129	35.61	ng		98
91) Benzo(g,h,i)perylene	16.78	276	770904	34.72	ng		94

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

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