Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086147.D
Acq On : 7 Apr 2016 23:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/8/2016 6:09:24 PM

Quant Time: Apr 08 03:41:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115712	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	473469	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	222230	20.00	ng		-0.03
63) Phenanthrene-d10	11.25	188	420935	20.00	ng		-0.05
75) Chrysene-d12	13.89	240	310963	20.00	ng		-0.03
86) Perylene-d12	15.29	264	230809	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	573881	84.77	ng		-0.05
7) Phenol-d6	6.38	99	684060	79.55	ng		-0.03
23) Nitrobenzene-d5	7.31	82	637930	79.46	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	178362	85.51	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	1155375	86.44	ng		-0.03
78) Terphenyl-d14	12.84	244	1126454	85.15	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	147155	45.85	ng		98
3) Pyridine	2.92	79	366758	51.04	ng		92
4) n-Nitrosodimethylamine	2.89	42	131858	41.73	ng		99
6) Aniline	6.41	93	468006	41.48	ng	#	81
8) 2-Chlorophenol	6.52	128	336280	41.65	ng		96
9) Benzaldehyde	6.28	77	192006	41.50	ng		95
10) Phenol	6.40	94	378100	38.55	ng	#	50
11) bis(2-Chloroethyl)ether	6.48	93	307459	39.58	ng		97
12) 1,3-Dichlorobenzene	6.67	146	356585m	41.67	ng		
13) 1,4-Dichlorobenzene	6.75	146	366466	41.57	ng		99
14) 1,2-Dichlorobenzene	6.91	146	333311	41.08	ng		98
15) Benzyl Alcohol	6.89	79	224675	40.39	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	391198	41.23	ng		85
17) 2-Methylphenol	7.01	107	272359	42.79	ng		95
18) Hexachloroethane	7.24	117	132320	40.81	ng	#	82
19) n-Nitroso-di-n-propylamine	7.16	70	199234	37.38	ng		94
20) 3+4-Methylphenols	7.17	107	341399	44.10	ng	#	60
22) Acetophenone	7.16	105	473336	42.53	ng	#	91
24) Nitrobenzene	7.33	77	392366	44.67	ng		90
25) Isophorone	7.57	82	665161	41.97	ng		96
26) 2-Nitrophenol	7.64	139	179101	42.62	ng	#	78
27) 2,4-Dimethylphenol	7.70	122	292674	38.78	ng		91
28) bis(2-Chloroethoxy)methane	7.78	93	360384	38.75	ng		98
29) 2,4-Dichlorophenol	7.89	162	271120	42.49	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	297011	41.47	ng		94
31) Naphthalene	8.04	128	908342	38.14	ng		100
32) Benzoic acid	7.85	122	226000	40.81	ng		99
33) 4-Chloroaniline	8.11	127	386499	40.18	ng		97
34) Hexachlorobutadiene	8.17	225	150988	39.21	ng		98
35) Caprolactam	8.49	113	87705	43.33	ng		98
36) 4-Chloro-3-methylphenol	8.60	107	308417	43.00	ng		91
37) 2-Methylnaphthalene	8.74	142	611136	39.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	265757	39.79	ng		99
40) Hexachlorocyclopentadiene	8.89	237	64426	35.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	184715	43.07	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	181422	41.66	ng	#	95
45) 1,1'-Biphenyl	9.21	154	747292	39.00	ng		93
46) 2-Chloronaphthalene	9.23	162	585412	42.15	ng		99
47) 2-Nitroaniline	9.33	65	187923	46.24	ng		96
48) Acenaphthylene	9.64	152	943233	42.39	ng		100
49) Dimethylphthalate	9.50	163	678951	41.22	ng		99
50) 2,6-Dinitrotoluene	9.57	165	138721	39.81	ng		97
51) Acenaphthene	9.81	154	559941	42.31	ng		99
52) 3-Nitroaniline	9.74	138	168205	40.05	ng		99
53) 2,4-Dinitrophenol	9.86	184	69708	40.21	ng		98
54) Dibenzofuran	9.98	168	724109	41.43	ng		98
55) 4-Nitrophenol	9.93	139	95073	38.40	ng		92
56) 2,4-Dinitrotoluene	9.98	165	192076	43.62	ng	#	74
57) Fluorene	10.33	166	628719	42.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	133508	41.18	ng		96
59) Diethylphthalate	10.20	149	629844	37.89	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	293435	42.20	ng		93
61) 4-Nitroaniline	10.36	138	176679	42.71	ng		93
62) Azobenzene	10.48	77	675257	42.41	ng		99
64) 4,6-Dinitro-2-methylphenol	10.40	198	109262	42.83	ng	#	63
65) n-Nitrosodiphenylamine	10.44	169	564706	42.90	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	187909	43.72	ng		91
67) Hexachlorobenzene	10.88	284	199460	44.88	ng		96
68) Atrazine	10.97	200	147921	34.78	ng		98
69) Pentachlorophenol	11.07	266	81012	38.90	ng		98
70) Phenanthrene	11.29	178	941682	41.01	ng		100
71) Anthracene	11.33	178	863622	35.90	ng		100
72) Carbazole	11.49	167	755045	36.51	ng		99
73) Di-n-butylphthalate	11.82	149	1087148	42.43	ng		100
74) Fluoranthene	12.46	202	858491	35.94	ng		99
76) Benzidine	12.59	184	397577	36.24	ng		100
77) Pyrene	12.69	202	886554	40.46	ng		99
79) Butylbenzylphthalate	13.31	149	429739	43.55	ng	#	71
80) Benzo(a)anthracene	13.88	228	715285	39.02	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	510444	38.13	ng		99
82) Chrysene	13.93	228	732778	41.50	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	538425	41.11	ng		99
84) Di-n-octyl phthalate	14.49	149	895249	42.81	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	555117	38.75	ng		99
87) Benzo(b)fluoranthene	14.90	252	556373m	38.32	ng		
88) Benzo(k)fluoranthene	14.92	252	572480m	44.53	ng		
89) Benzo(a)pyrene	15.24	252	524862	40.80	ng	#	95
90) Dibenzo(a,h)anthracene	16.65	278	464446	44.87	ng		97
91) Benzo(g,h,i)perylene	17.04	276	468751	46.80	ng		97

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

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