Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084721.D
Acq On : 1 Feb 2016 20:49
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:12 PM

Quant Time: Feb 02 01:11:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167533	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	670857	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	335362	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	619614	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	439695	20.00	ng		-0.01
86) Perylene-d12	15.24	264	370545	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	844450	78.51	ng		-0.01
7) Phenol-d6	6.36	99	1015923	76.19	ng		-0.01
23) Nitrobenzene-d5	7.29	82	999269	83.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	290310	82.99	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1679071	83.96	ng		-0.01
78) Terphenyl-d14	12.82	244	1666932	85.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	185597	39.39	ng	#	77
3) Pyridine	2.89	79	458299	37.33	ng	#	76
4) n-Nitrosodimethylamine	2.83	42	248968	39.21	ng	#	81
6) Aniline	6.37	93	638105	39.11	ng	#	67
8) 2-Chlorophenol	6.50	128	501023	41.15	ng		98
9) Benzaldehyde	6.26	77	318676	40.47	ng		90
10) Phenol	6.37	94	557978	37.35	ng	#	68
11) bis(2-Chloroethyl)ether	6.45	93	451989m	38.80	ng		
12) 1,3-Dichlorobenzene	6.65	146	491597m	38.22	ng		
13) 1,4-Dichlorobenzene	6.73	146	513650	39.95	ng		95
14) 1,2-Dichlorobenzene	6.89	146	463377	38.69	ng		93
15) Benzyl Alcohol	6.86	79	367462	39.91	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	768820	39.24	ng		86
17) 2-Methylphenol	6.99	107	383171	39.80	ng	#	91
18) Hexachloroethane	7.22	117	194507	39.28	ng	#	89
19) n-Nitroso-di-n-propylamine	7.14	70	325500	38.94	ng	#	76
20) 3+4-Methylphenols	7.14	107	443401	37.10	ng	#	76
22) Acetophenone	7.13	105	681067	38.52	ng	#	98
24) Nitrobenzene	7.30	77	464616	36.43	ng		94
25) Isophorone	7.55	82	921955	39.81	ng	#	93
26) 2-Nitrophenol	7.62	139	265248	42.17	ng	#	87
27) 2,4-Dimethylphenol	7.66	122	386705	35.35	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	511929	37.26	ng		99
29) 2,4-Dichlorophenol	7.87	162	375893	40.16	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	406456	38.44	ng		95
31) Naphthalene	8.02	128	1239907	36.85	ng		100
32) Benzoic acid	7.80	122	319410	45.65	ng		93
33) 4-Chloroaniline	8.08	127	526398	37.82	ng		99
34) Hexachlorobutadiene	8.14	225	251994	41.33	ng		99
35) Caprolactam	8.46	113	128034	44.38	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	400702	37.52	ng		93
37) 2-Methylnaphthalene	8.72	142	901920	42.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	379434	35.62	ng		99
40) Hexachlorocyclopentadiene	8.86	237	164364	43.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	262342	38.23	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	261137	37.45	ng	#	86
45) 1,1'-Biphenyl	9.18	154	1142949	38.16	ng		95
46) 2-Chloronaphthalene	9.20	162	808713	36.66	ng		97
47) 2-Nitroaniline	9.30	65	238719	34.18	ng		98
48) Acenaphthylene	9.62	152	1305439	39.00	ng		99
49) Dimethylphthalate	9.49	163	1006006	39.39	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	234042	41.94	ng	#	90
51) Acenaphthene	9.79	154	838580	38.51	ng		97
52) 3-Nitroaniline	9.71	138	216547	34.54	ng		98
53) 2,4-Dinitrophenol	9.82	184	104024	43.26	ng		85
54) Dibenzofuran	9.96	168	1053632	39.58	ng		97
55) 4-Nitrophenol	9.89	139	182066	39.51	ng		89
56) 2,4-Dinitrotoluene	9.95	165	310893	43.68	ng		93
57) Fluorene	10.29	166	855890	38.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	200239	37.73	ng		92
59) Diethylphthalate	10.18	149	946992	37.97	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	388692	40.97	ng		94
61) 4-Nitroaniline	10.33	138	245052	40.11	ng		91
62) Azobenzene	10.45	77	962944	40.15	ng		92
64) 4,6-Dinitro-2-methylphenol	10.36	198	155809	40.74	ng	#	67
65) n-Nitrosodiphenylamine	10.42	169	814012	41.37	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	286810	41.91	ng		96
67) Hexachlorobenzene	10.84	284	272266	36.51	ng	#	85
68) Atrazine	10.94	200	218066	35.10	ng		99
69) Pentachlorophenol	11.04	266	139925	39.93	ng		98
70) Phenanthrene	11.25	178	1213206	35.30	ng		98
71) Anthracene	11.31	178	1442635	41.66	ng		100
72) Carbazole	11.47	167	1226877	40.63	ng		98
73) Di-n-butylphthalate	11.80	149	1388666	36.12	ng	#	97
74) Fluoranthene	12.44	202	1426722	41.02	ng		94
76) Benzidine	12.57	184	490653	31.53	ng		98
77) Pyrene	12.67	202	1411235	41.92	ng		99
79) Butylbenzylphthalate	13.30	149	660026	43.22	ng	#	85
80) Benzo(a)anthracene	13.85	228	1064573	39.01	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	414622	42.91	ng		98
82) Chrysene	13.89	228	1130413	42.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	829394	43.64	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1305756	41.64	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.55	276	855056	41.05	ng		98
87) Benzo(b)fluoranthene	14.87	252	1097140m	44.07	ng		
88) Benzo(k)fluoranthene	14.89	252	710834m	34.53	ng		
89) Benzo(a)pyrene	15.19	252	804974	37.95	ng	#	96
90) Dibenzo(a,h)anthracene	16.56	278	708169	39.66	ng		98
91) Benzo(g,h,i)perylene	16.93	276	720472	40.05	ng		99

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

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