Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
Data File : BF089972.D
Acq On : 2 Sep 2016 12:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
9/5/2016 6:42:19 AM

Quant Time: Sep 02 16:46:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	212970	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	912339	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	445315	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	877867	20.00	ng		0.00
75) Chrysene-d12	13.76	240	680324	20.00	ng		0.00
86) Perylene-d12	15.10	264	567810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	992426	74.59	ng		0.00
7) Phenol-d6	6.28	99	1237632	76.55	ng		0.00
23) Nitrobenzene-d5	7.21	82	1079332	68.61	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	352253	80.18	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1918524	70.72	ng		0.00
78) Terphenyl-d14	12.73	244	2120521	77.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	247163	39.21	ng		98
3) Pyridine	2.73	79	601418	35.76	ng		97
4) n-Nitrosodimethylamine	2.70	42	331190	39.93	ng		94
6) Aniline	6.30	93	854757	38.75	ng	#	73
8) 2-Chlorophenol	6.42	128	573249	39.71	ng		94
9) Benzaldehyde	6.18	77	412092	39.51	ng		99
10) Phenol	6.30	94	689519	36.68	ng		95
11) bis(2-Chloroethyl)ether	6.39	93	598487	42.07	ng		87
12) 1,3-Dichlorobenzene	6.58	146	665148	41.26	ng		98
13) 1,4-Dichlorobenzene	6.66	146	652755m	39.57	ng		
14) 1,2-Dichlorobenzene	6.81	146	588661	39.81	ng		99
15) Benzyl Alcohol	6.79	79	399800	39.47	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1106605	40.79	ng		98
17) 2-Methylphenol	6.91	107	477257	41.40	ng		98
18) Hexachloroethane	7.15	117	220032	38.94	ng		98
19) n-Nitroso-di-n-propylamine	7.07	70	386135	36.65	ng		91
20) 3+4-Methylphenols	7.07	107	572822	40.99	ng	#	66
22) Acetophenone	7.06	105	775524	37.89	ng	#	96
24) Nitrobenzene	7.23	77	688920	41.19	ng	#	85
25) Isophorone	7.47	82	1157394	36.18	ng		98
26) 2-Nitrophenol	7.54	139	306547	38.34	ng		97
27) 2,4-Dimethylphenol	7.60	122	584278	39.51	ng		97
28) bis(2-Chloroethoxy)methane	7.69	93	678836	35.18	ng		100
29) 2,4-Dichlorophenol	7.79	162	526243	39.69	ng		89
30) 1,2,4-Trichlorobenzene	7.87	180	548111	37.81	ng		99
31) Naphthalene	7.95	128	1721524	37.88	ng		99
32) Benzoic acid	7.74	122	421292	42.29	ng		95
33) 4-Chloroaniline	8.00	127	637970	34.79	ng		98
34) Hexachlorobutadiene	8.08	225	316247	37.23	ng		95
35) Caprolactam	8.39	113	174707	41.75	ng		91
36) 4-Chloro-3-methylphenol	8.49	107	553048	39.39	ng		85
37) 2-Methylnaphthalene	8.64	142	1155581	38.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	492859	37.78	ng		98
40) Hexachlorocyclopentadiene	8.80	237	286668	42.86	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	372347	41.19	ng		98
43) 2,4,5-Trichlorophenol	8.96	196	380910	43.81	ng	#	88
45) 1,1'-Biphenyl	9.11	154	1448960	40.41	ng		96
46) 2-Chloronaphthalene	9.12	162	947630	37.36	ng		99
47) 2-Nitroaniline	9.22	65	381409	46.00	ng	#	79
48) Acenaphthylene	9.53	152	1557628	37.14	ng		99
49) Dimethylphthalate	9.42	163	1347515	41.87	ng		98
50) 2,6-Dinitrotoluene	9.46	165	297523	41.56	ng		88
51) Acenaphthene	9.70	154	1030268	38.78	ng		99
52) 3-Nitroaniline	9.63	138	371276	45.47	ng		83
53) 2,4-Dinitrophenol	9.74	184	173522	46.07	ng	#	66
54) Dibenzofuran	9.87	168	1314966	36.93	ng		98
55) 4-Nitrophenol	9.79	139	242603	39.39	ng	#	65
56) 2,4-Dinitrotoluene	9.86	165	336839	37.10	ng	#	84
57) Fluorene	10.22	166	1009902	38.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	315049	42.33	ng		93
59) Diethylphthalate	10.10	149	1199116	39.60	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	501840	40.99	ng		94
61) 4-Nitroaniline	10.24	138	306935	38.26	ng		89
62) Azobenzene	10.38	77	1198224	39.62	ng		82
64) 4,6-Dinitro-2-methylphenol	10.27	198	262191	46.65	ng	#	65
65) n-Nitrosodiphenylamine	10.33	169	962415	36.47	ng		100
66) 4-Bromophenyl-phenylether	10.70	248	325995	36.89	ng		94
67) Hexachlorobenzene	10.76	284	412577	40.87	ng	#	73
68) Atrazine	10.87	200	375648	42.64	ng		96
69) Pentachlorophenol	10.95	266	230586m	42.46	ng		
70) Phenanthrene	11.16	178	1538105	35.18	ng		100
71) Anthracene	11.22	178	1804377	40.69	ng		99
72) Carbazole	11.37	167	1504986	36.20	ng		99
73) Di-n-butylphthalate	11.72	149	1985994	40.98	ng	#	98
74) Fluoranthene	12.34	202	1625739	35.49	ng		96
76) Benzidine	12.47	184	881290	34.19	ng		98
77) Pyrene	12.57	202	1904640	39.71	ng		99
79) Butylbenzylphthalate	13.20	149	746697	38.60	ng		96
80) Benzo(a)anthracene	13.75	228	1557722	37.38	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	655155	43.56	ng	#	95
82) Chrysene	13.78	228	1323342	34.00	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	1056613	39.49	ng		99
84) Di-n-octyl phthalate	14.38	149	1826147	42.29	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1168850	40.62	ng		100
87) Benzo(b)fluoranthene	14.74	252	1362070m	38.29	ng		
88) Benzo(k)fluoranthene	14.77	252	1132071m	37.51	ng		
89) Benzo(a)pyrene	15.05	252	1178599	38.67	ng	#	96
90) Dibenzo(a,h)anthracene	16.35	278	950308	42.56	ng		99
91) Benzo(g,h,i)perylene	16.71	276	961718	42.79	ng		99

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

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