Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084704.D
Acq On : 1 Feb 2016 12:30
Operator : SJ/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
2/2/2016 4:17:25 PM

Quant Time: Feb 01 13:13:04 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 13:00:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176038	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	709934	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	352022	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	622875	20.00	ng		0.00
75) Chrysene-d12	13.87	240	478436	20.00	ng		0.00
86) Perylene-d12	15.24	264	390396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	846282	72.57	ng		0.00
7) Phenol-d6	6.36	99	1041300	74.50	ng		0.00
23) Nitrobenzene-d5	7.29	82	1019890	80.29	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	307094	83.24	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1647972	69.58	ng		0.00
78) Terphenyl-d14	12.82	244	1614820	76.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	192779	35.45	ng	#	76
3) Pyridine	2.89	79	487083	33.62	ng	#	78
4) n-Nitrosodimethylamine	2.83	42	269657	38.07	ng		78
6) Aniline	6.37	93	672279	37.47	ng	#	72
8) 2-Chlorophenol	6.50	128	516146	39.90	ng		93
9) Benzaldehyde	6.26	77	336486	41.57	ng		94
10) Phenol	6.37	94	546283	35.07	ng	#	54
11) bis(2-Chloroethyl)ether	6.45	93	448575	37.02	ng		84
12) 1,3-Dichlorobenzene	6.65	146	508532m	36.69	ng		
13) 1,4-Dichlorobenzene	6.73	146	511659	37.62	ng		97
14) 1,2-Dichlorobenzene	6.89	146	513857	41.03	ng		97
15) Benzyl Alcohol	6.86	79	373613	39.27	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	773710	37.31	ng		86
17) 2-Methylphenol	6.99	107	422842	42.17	ng		94
18) Hexachloroethane	7.23	117	209456	39.36	ng	#	83
19) n-Nitroso-di-n-propylamine	7.14	70	326213	38.21	ng	#	73
20) 3+4-Methylphenols	7.14	107	490250	40.29	ng	#	63
22) Acetophenone	7.13	105	731115	39.43	ng	#	98
24) Nitrobenzene	7.30	77	485662	35.97	ng		93
25) Isophorone	7.55	82	988192	41.52	ng		96
26) 2-Nitrophenol	7.62	139	262011	40.81	ng	#	85
27) 2,4-Dimethylphenol	7.66	122	432177	38.41	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	559931	39.20	ng	#	98
29) 2,4-Dichlorophenol	7.87	162	410841	41.75	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	435658	38.71	ng	#	93
31) Naphthalene	8.02	128	1332225	37.17	ng		99
32) Benzoic acid	7.80	122	296816	34.36	ng		94
33) 4-Chloroaniline	8.08	127	536100	36.78	ng		99
34) Hexachlorobutadiene	8.14	225	261398	39.31	ng		98
35) Caprolactam	8.46	113	138765	49.14	ng	#	74
36) 4-Chloro-3-methylphenol	8.57	107	419819	38.75	ng		94
37) 2-Methylnaphthalene	8.72	142	931525	42.34	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	405733	35.54	ng		98
40) Hexachlorocyclopentadiene	8.86	237	157705	30.38	ng		96

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	291793	41.15	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	279909	38.23	ng	#	85
45) 1,1'-Biphenyl	9.18	154	1258351	39.00	ng		97
46) 2-Chloronaphthalene	9.21	162	897739	38.14	ng	#	87
47) 2-Nitroaniline	9.30	65	257399	36.41	ng		97
48) Acenaphthylene	9.62	152	1400231	39.26	ng		99
49) Dimethylphthalate	9.49	163	1079145	40.84	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	245652	42.26	ng	#	84
51) Acenaphthene	9.79	154	902379	37.78	ng		97
52) 3-Nitroaniline	9.72	138	252834	41.62	ng	#	62
53) 2,4-Dinitrophenol	9.82	184	99386	34.65	ng		90
54) Dibenzofuran	9.96	168	1117226	39.20	ng		100
55) 4-Nitrophenol	9.89	139	211797	47.47	ng		93
56) 2,4-Dinitrotoluene	9.95	165	301445	39.92	ng	#	91
57) Fluorene	10.30	166	947849	39.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	197625	35.70	ng		93
59) Diethylphthalate	10.19	149	1007980	38.97	ng		96
60) 4-Chlorophenyl-phenylether	10.29	204	405882	37.42	ng		93
61) 4-Nitroaniline	10.33	138	248075	43.15	ng		93
62) Azobenzene	10.45	77	986050	39.83	ng		89
64) 4,6-Dinitro-2-methylphenol	10.36	198	162585	39.96	ng		72
65) n-Nitrosodiphenylamine	10.42	169	854297	42.30	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	295432	42.11	ng	#	92
67) Hexachlorobenzene	10.84	284	286201	37.51	ng	#	78
68) Atrazine	10.94	200	235048	38.84	ng		99
69) Pentachlorophenol	11.05	266	147577	40.03	ng		98
70) Phenanthrene	11.25	178	1292473	37.53	ng		98
71) Anthracene	11.31	178	1489997	42.55	ng		99
72) Carbazole	11.47	167	1312589	43.49	ng		98
73) Di-n-butylphthalate	11.80	149	1485626	40.47	ng	#	96
74) Fluoranthene	12.44	202	1461159	42.91	ng		97
76) Benzidine	12.57	184	683200	37.55	ng		98
77) Pyrene	12.67	202	1529503	42.39	ng		100
79) Butylbenzylphthalate	13.30	149	707981	45.93	ng		96
80) Benzo(a)anthracene	13.86	228	1188250	39.84	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	463910	44.21	ng	#	97
82) Chrysene	13.89	228	1186296	40.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	848270	42.42	ng		98
84) Di-n-octyl phthalate	14.48	149	1405140	44.47	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.56	276	890027	34.24	ng		99
87) Benzo(b)fluoranthene	14.87	252	1059506m	41.91	ng		
88) Benzo(k)fluoranthene	14.89	252	842993m	40.37	ng		
89) Benzo(a)pyrene	15.20	252	902822	41.29	ng	#	98
90) Dibenzo(a,h)anthracene	16.57	278	741234	37.61	ng		97
91) Benzo(g,h,i)perylene	16.95	276	747139	37.55	ng		99

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

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