Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF083116\
Data File : BF089938.D
Acq On : 31 Aug 2016 9:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
9/1/2016 11:52:25 AM

Quant Time: Aug 31 15:44:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 11:55:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200045	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	821421	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	429626	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	847662	20.00	ng		0.00
75) Chrysene-d12	13.76	240	611221	20.00	ng		0.00
86) Perylene-d12	15.10	264	563351	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1035946	82.89	ng		0.00
7) Phenol-d6	6.28	99	1228683	80.91	ng		0.01
23) Nitrobenzene-d5	7.21	82	1072292	75.71	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	359564	84.83	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1943052	74.24	ng		0.00
78) Terphenyl-d14	12.72	244	1724226	69.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	223210	37.70	ng		98
3) Pyridine	2.72	79	665995	42.16	ng		98
4) n-Nitrosodimethylamine	2.68	42	297199	38.15	ng		100
6) Aniline	6.30	93	781301	37.71	ng		90
8) 2-Chlorophenol	6.42	128	540200	39.84	ng		99
9) Benzaldehyde	6.18	77	386828	39.48	ng		98
10) Phenol	6.30	94	720855	40.82	ng		94
11) bis(2-Chloroethyl)ether	6.38	93	494806	37.03	ng		100
12) 1,3-Dichlorobenzene	6.58	146	588082	38.83	ng		99
13) 1,4-Dichlorobenzene	6.65	146	576073	37.18	ng		100
14) 1,2-Dichlorobenzene	6.81	146	574780	41.38	ng		99
15) Benzyl Alcohol	6.79	79	374890	39.41	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1067991	41.91	ng		100
17) 2-Methylphenol	6.90	107	447697	41.35	ng		99
18) Hexachloroethane	7.15	117	212977	40.13	ng		100
19) n-Nitroso-di-n-propylamine	7.07	70	419137	42.35	ng		95
20) 3+4-Methylphenols	7.06	107	456635	34.79	ng		92
22) Acetophenone	7.06	105	728755	39.55	ng	#	97
24) Nitrobenzene	7.22	77	563388	37.41	ng		98
25) Isophorone	7.47	82	1119643	38.87	ng		100
26) 2-Nitrophenol	7.54	139	275875	38.33	ng		97
27) 2,4-Dimethylphenol	7.59	122	525611	39.48	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	707184	40.71	ng		100
29) 2,4-Dichlorophenol	7.78	162	454968	38.12	ng		100
30) 1,2,4-Trichlorobenzene	7.87	180	537588	41.19	ng		99
31) Naphthalene	7.94	128	1447069	35.36	ng		100
32) Benzoic acid	7.74	122	375098	41.82	ng		98
33) 4-Chloroaniline	8.00	127	661117	40.04	ng		99
34) Hexachlorobutadiene	8.07	225	293170	38.34	ng		99
35) Caprolactam	8.38	113	142624	37.86	ng		93
36) 4-Chloro-3-methylphenol	8.49	107	538203	42.57	ng		94
37) 2-Methylnaphthalene	8.64	142	1103044	40.79	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	460278	36.57	ng		99
40) Hexachlorocyclopentadiene	8.80	237	275892	42.75	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	365084	41.86	ng		99
43) 2,4,5-Trichlorophenol	8.95	196	317188	37.82	ng		99
45) 1,1'-Biphenyl	9.10	154	1282280	37.07	ng		100
46) 2-Chloronaphthalene	9.12	162	928847	37.96	ng		100
47) 2-Nitroaniline	9.22	65	334582	41.83	ng	#	56
48) Acenaphthylene	9.53	152	1513360	37.40	ng		100
49) Dimethylphthalate	9.42	163	1242081	40.00	ng	#	98
50) 2,6-Dinitrotoluene	9.46	165	255029	36.93	ng		92
51) Acenaphthene	9.70	154	939811	36.66	ng		100
52) 3-Nitroaniline	9.63	138	352778	44.79	ng	#	73
53) 2,4-Dinitrophenol	9.74	184	138191	40.39	ng	#	52
54) Dibenzofuran	9.87	168	1304710	37.98	ng		99
55) 4-Nitrophenol	9.79	139	286284	48.19	ng		85
56) 2,4-Dinitrotoluene	9.86	165	367984	42.02	ng		92
57) Fluorene	10.22	166	1032871	41.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	275850	38.42	ng		98
59) Diethylphthalate	10.10	149	1143659	39.15	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	489630	41.45	ng		95
61) 4-Nitroaniline	10.24	138	318836	41.20	ng		90
62) Azobenzene	10.36	77	1138519	39.02	ng		99
64) 4,6-Dinitro-2-methylphenol	10.26	198	198229	36.53	ng		88
65) n-Nitrosodiphenylamine	10.33	169	901970	35.39	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	326626	38.28	ng		97
67) Hexachlorobenzene	10.75	284	350790	35.99	ng		97
68) Atrazine	10.87	200	356393	41.89	ng		92
69) Pentachlorophenol	10.95	266	229107	43.69	ng		99
70) Phenanthrene	11.17	178	1555387	36.85	ng		100
71) Anthracene	11.21	178	1571919	36.72	ng		99
72) Carbazole	11.37	167	1420932	35.39	ng		99
73) Di-n-butylphthalate	11.71	149	1829617	39.10	ng		100
74) Fluoranthene	12.34	202	1741290	39.36	ng		99
76) Benzidine	12.47	184	921726	39.81	ng		100
77) Pyrene	12.56	202	1695935	39.35	ng		100
79) Butylbenzylphthalate	13.20	149	700021	40.28	ng		99
80) Benzo(a)anthracene	13.75	228	1466484	39.17	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	551071	40.78	ng		100
82) Chrysene	13.78	228	1326528	37.93	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1005283	41.82	ng		99
84) Di-n-octyl phthalate	14.38	149	1765761	45.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1146998	44.37	ng		99
87) Benzo(b)fluoranthene	14.74	252	1548495m	43.88	ng		
88) Benzo(k)fluoranthene	14.77	252	1024324m	34.20	ng		
89) Benzo(a)pyrene	15.05	252	1239166	40.98	ng		100
90) Dibenzo(a,h)anthracene	16.34	278	937731	42.33	ng		97
91) Benzo(g,h,i)perylene	16.70	276	920355	41.27	ng		97

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

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