Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085901.D
Acq On : 30 Mar 2016 22:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/31/2016 4:52:34 PM

Quant Time: Mar 31 04:36:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129181	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	501792	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	223296	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	360727	20.00	ng		0.00
75) Chrysene-d12	13.96	240	230068	20.00	ng		-0.01
86) Perylene-d12	15.37	264	264254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	638412	82.31	ng		-0.01
7) Phenol-d6	6.45	99	823384	83.49	ng		0.00
23) Nitrobenzene-d5	7.37	82	704149	79.02	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	146753	69.17	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1144107	85.60	ng		0.00
78) Terphenyl-d14	12.91	244	805576	72.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	153805m	41.53	ng		
3) Pyridine	3.05	79	405392	45.65	ng		99
4) n-Nitrosodimethylamine	3.01	42	163766	46.07	ng		99
6) Aniline	6.46	93	497582	37.48	ng	#	34
8) 2-Chlorophenol	6.58	128	372483	41.33	ng		97
9) Benzaldehyde	6.34	77	223298	37.58	ng		99
10) Phenol	6.46	94	483081	43.24	ng		76
11) bis(2-Chloroethyl)ether	6.54	93	333004	38.73	ng		97
12) 1,3-Dichlorobenzene	6.74	146	393066	40.50	ng		99
13) 1,4-Dichlorobenzene	6.81	146	384680	39.08	ng		100
14) 1,2-Dichlorobenzene	6.97	146	378548	41.27	ng		99
15) Benzyl Alcohol	6.95	79	254766	38.72	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	464110	40.68	ng		78
17) 2-Methylphenol	7.06	107	274244	38.01	ng		98
18) Hexachloroethane	7.30	117	141926	39.38	ng	#	77
19) n-Nitroso-di-n-propylamine	7.22	70	225356	38.16	ng		96
20) 3+4-Methylphenols	7.22	107	337127	38.86	ng	#	83
22) Acetophenone	7.21	105	474771	40.61	ng		96
24) Nitrobenzene	7.40	77	378698	41.23	ng	#	80
25) Isophorone	7.64	82	685070	39.91	ng	#	92
26) 2-Nitrophenol	7.70	139	180787	39.34	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	330207	41.11	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	407420	41.66	ng		99
29) 2,4-Dichlorophenol	7.96	162	277063	41.03	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	309012	41.22	ng		93
31) Naphthalene	8.10	128	962231	38.06	ng		100
32) Benzoic acid	7.89	122	208611	39.11	ng		96
33) 4-Chloroaniline	8.16	127	394577	38.22	ng	#	94
34) Hexachlorobutadiene	8.23	225	166850	40.95	ng		98
35) Caprolactam	8.55	113	92560	38.70	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	320196	40.60	ng		97
37) 2-Methylnaphthalene	8.80	142	631766	42.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	277228	41.87	ng		99
40) Hexachlorocyclopentadiene	8.95	237	22474	16.40	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	188532	42.16	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	180212	38.42	ng	#	79
45) 1,1'-Biphenyl	9.27	154	797622	42.33	ng		95
46) 2-Chloronaphthalene	9.29	162	602290	43.47	ng		98
47) 2-Nitroaniline	9.38	65	169186	39.93	ng	#	82
48) Acenaphthylene	9.70	152	934003	41.37	ng		100
49) Dimethylphthalate	9.57	163	651462	38.45	ng		100
50) 2,6-Dinitrotoluene	9.64	165	157098	43.08	ng	#	81
51) Acenaphthene	9.88	154	524770	38.06	ng		99
52) 3-Nitroaniline	9.81	138	183088	43.86	ng		83
53) 2,4-Dinitrophenol	9.92	184	14639	13.38	ng	#	80
54) Dibenzofuran	10.05	168	722147	40.46	ng		99
55) 4-Nitrophenol	9.97	139	93664	34.44	ng	#	81
56) 2,4-Dinitrotoluene	10.04	165	161110	34.76	ng	#	49
57) Fluorene	10.39	166	596826	40.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	118418	36.33	ng		97
59) Diethylphthalate	10.26	149	643271	38.43	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	269774	37.19	ng		99
61) 4-Nitroaniline	10.41	138	138782	34.76	ng		88
62) Azobenzene	10.54	77	622938	38.73	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	35728	16.91	ng		88
65) n-Nitrosodiphenylamine	10.50	169	524592	45.91	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	171860	46.57	ng		99
67) Hexachlorobenzene	10.94	284	171523	44.44	ng		95
68) Atrazine	11.03	200	152536	39.54	ng		98
69) Pentachlorophenol	11.13	266	70832	37.38	ng		98
70) Phenanthrene	11.35	178	813135	43.90	ng		99
71) Anthracene	11.40	178	744566	38.29	ng		99
72) Carbazole	11.56	167	649318	39.77	ng		99
73) Di-n-butylphthalate	11.89	149	958828	42.80	ng		100
74) Fluoranthene	12.54	202	685908	34.84	ng		89
76) Benzidine	12.67	184	308332	38.05	ng		99
77) Pyrene	12.77	202	658216	34.80	ng		100
79) Butylbenzylphthalate	13.39	149	326715	41.25	ng		98
80) Benzo(a)anthracene	13.95	228	565917	43.14	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	436754	47.97	ng	#	94
82) Chrysene	13.99	228	579872	43.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	427793	45.11	ng		98
84) Di-n-octyl phthalate	14.55	149	757351	53.71	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	588080	57.63	ng		99
87) Benzo(b)fluoranthene	14.97	252	595559m	35.78	ng		
88) Benzo(k)fluoranthene	15.01	252	598401m	39.87	ng		
89) Benzo(a)pyrene	15.32	252	582799	39.43	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	506158	36.86	ng		99
91) Benzo(g,h,i)perylene	17.17	276	456953	32.86	ng		96

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

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