Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089607.D
Acq On : 5 Aug 2016 1:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/5/2016 6:58:56 PM

Quant Time: Aug 05 05:48:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	47622	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	207861	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	98671	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	187615	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	120577	20.00	ng	0.00
86) Perylene-d12	20.05	264	85036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	229496	80.77	ng	0.00
7) Phenol-d6	6.98	99	311090	80.71	ng	0.00
23) Nitrobenzene-d5	8.36	82	304311	80.98	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	64881	79.68	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	567024	74.68	ng	0.00
78) Terphenyl-d14	17.05	244	447051	73.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.74	88	58381	35.84	ng	99
3) Pyridine	2.31	79	126117	42.14	ng	99
4) n-Nitrosodimethylamine	2.28	42	47830	38.01	ng	95
6) Aniline	6.94	93	207809	41.61	ng	100
8) 2-Chlorophenol	7.12	128	141759	40.64	ng	99
9) Benzaldehyde	6.75	77	64712	46.28	ng	99
10) Phenol	7.00	94	164283	41.52	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	134938	39.69	ng	99
12) 1,3-Dichlorobenzene	7.35	146	148598	39.22	ng	98
13) 1,4-Dichlorobenzene	7.47	146	144928	38.35	ng	100
14) 1,2-Dichlorobenzene	7.70	146	152197	38.21	ng	100
15) Benzyl Alcohol	7.74	79	102037	40.37	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	165941	38.33	ng	95
17) 2-Methylphenol	7.94	107	102063	40.51	ng	98
18) Hexachloroethane	8.23	117	60622	38.07	ng	97
19) n-Nitroso-di-n-propylamine	8.17	70	111214	39.94	ng	99
20) 3+4-Methylphenols	8.20	107	131710	41.42	ng	99
22) Acetophenone	8.14	105	213443	43.07	ng	99
24) Nitrobenzene	8.39	77	149195	41.80	ng	99
25) Isophorone	8.79	82	271936	37.79	ng	98
26) 2-Nitrophenol	8.89	139	65429	39.94	ng	99
27) 2,4-Dimethylphenol	9.03	122	121873	41.38	ng	98
28) bis(2-Chloroethoxy)methane	9.18	93	175023	40.20	ng	100
29) 2,4-Dichlorophenol	9.30	162	108838	39.06	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	124223	39.03	ng	97
31) Naphthalene	9.51	128	430107	38.93	ng	100
32) Benzoic acid	9.36	122	68432	36.98	ng	95
33) 4-Chloroaniline	9.64	127	175918	42.40	ng	99
34) Hexachlorobutadiene	9.72	225	70119	38.26	ng	99
35) Caprolactam	10.28	113	32382	39.87	ng	97
36) 4-Chloro-3-methylphenol	10.50	107	133278	41.15	ng	99
37) 2-Methylnaphthalene	10.63	142	260104	38.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	143989	38.83	ng	99
40) Hexachlorocyclopentadiene	10.89	237	47104	41.60	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	73517	40.19	ng		99
43) 2,4,5-Trichlorophenol	11.20	196	77420	39.60	ng		96
45) 1,1'-Biphenyl	11.41	154	342887	38.53	ng		100
46) 2-Chloronaphthalene	11.42	162	260013	38.97	ng		99
47) 2-Nitroaniline	11.62	65	83853	38.99	ng		99
48) Acenaphthylene	12.07	152	417665	38.01	ng		100
49) Dimethylphthalate	11.97	163	295393	38.19	ng		100
50) 2,6-Dinitrotoluene	12.05	165	62850	40.87	ng		94
51) Acenaphthene	12.35	154	242613	38.22	ng		100
52) 3-Nitroaniline	12.31	138	69495	37.79	ng		98
53) 2,4-Dinitrophenol	12.51	184	19372	37.77	ng		93
54) Dibenzofuran	12.64	168	336600	38.57	ng		99
55) 4-Nitrophenol	12.69	139	34208m	32.34	ng		
56) 2,4-Dinitrotoluene	12.70	165	83941	38.81	ng		98
57) Fluorene	13.19	166	279987	37.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	57662	38.85	ng		99
59) Diethylphthalate	13.11	149	304903	38.12	ng		100
60) 4-Chlorophenyl-phenylether	13.22	204	132704	38.80	ng		99
61) 4-Nitroaniline	13.31	138	66765	40.38	ng		97
62) Azobenzene	13.47	77	308099	39.83	ng		92
64) 4,6-Dinitro-2-methylphenol	13.36	198	42600	38.32	ng		95
65) n-Nitrosodiphenylamine	13.44	169	248364	39.20	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	73903	40.72	ng		97
67) Hexachlorobenzene	14.07	284	74139	37.14	ng		97
68) Atrazine	14.35	200	76734	43.37	ng		98
69) Pentachlorophenol	14.42	266	34682	42.61	ng		96
70) Phenanthrene	14.73	178	391228	38.35	ng		100
71) Anthracene	14.81	178	409060	37.40	ng		100
72) Carbazole	15.10	167	354749	38.92	ng		99
73) Di-n-butylphthalate	15.69	149	468573	38.01	ng		99
74) Fluoranthene	16.49	202	404485	38.57	ng		99
76) Benzidine	16.72	184	161306	44.13	ng		97
77) Pyrene	16.79	202	393554	36.92	ng		99
79) Butylbenzylphthalate	17.71	149	178036	39.25	ng	#	80
80) Benzo(a)anthracene	18.38	228	267879	38.67	ng		100
81) 3,3'-Dichlorobenzidine	18.37	252	87996	40.32	ng		98
82) Chrysene	18.42	228	275998	37.97	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	238948	38.04	ng		99
84) Di-n-octyl phthalate	19.23	149	341949	37.83	ng		99
85) Indeno(1,2,3-cd)pyrene	21.22	276	209671	37.99	ng		99
87) Benzo(b)fluoranthene	19.65	252	209777	40.11	ng		99
88) Benzo(k)fluoranthene	19.67	252	204243m	38.71	ng		
89) Benzo(a)pyrene	19.99	252	186192	38.02	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	182846	39.97	ng		99
91) Benzo(g,h,i)perylene	21.55	276	189719	40.51	ng		98

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

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