Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084626.D
Acq On : 29 Jan 2016 10:07
Operator : SJ/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
2/1/2016 2:23:34 PM

Quant Time: Jan 29 11:16:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 10:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	168161	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	638724	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	314961	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	580804	20.00	ng		0.00
75) Chrysene-d12	13.87	240	437686	20.00	ng		0.00
86) Perylene-d12	15.25	264	382799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	529417	50.92	ng		0.00
7) Phenol-d6	6.37	99	674365	51.65	ng		0.00
23) Nitrobenzene-d5	7.29	82	587685	51.21	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	166400	52.33	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	1167773	56.31	ng		0.00
78) Terphenyl-d14	12.83	244	1074485	54.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	114634	23.28	ng	#	80
3) Pyridine	2.92	79	290420	21.15	ng	#	77
4) n-Nitrosodimethylamine	2.85	42	156344	22.18	ng		86
6) Aniline	6.38	93	423114	22.15	ng	#	81
8) 2-Chlorophenol	6.51	128	323543	27.43	ng		98
9) Benzaldehyde	6.27	77	204856	24.09	ng		94
10) Phenol	6.38	94	387349	26.09	ng	#	70
11) bis(2-Chloroethyl)ether	6.46	93	299396	26.03	ng		86
12) 1,3-Dichlorobenzene	6.66	146	312106m	25.65	ng		
13) 1,4-Dichlorobenzene	6.74	146	316413	25.93	ng		97
14) 1,2-Dichlorobenzene	6.90	146	298803	25.57	ng		96
15) Benzyl Alcohol	6.88	79	246087	22.40	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.01	45	490023	23.40	ng		84
17) 2-Methylphenol	6.99	107	225818	22.84	ng		95
18) Hexachloroethane	7.24	117	127739	26.18	ng	#	88
19) n-Nitroso-di-n-propylamine	7.15	70	202156	22.87	ng	#	87
20) 3+4-Methylphenols	7.15	107	297818	25.63	ng	#	85
22) Acetophenone	7.14	105	417000	27.15	ng		98
24) Nitrobenzene	7.31	77	331929	28.52	ng		96
25) Isophorone	7.55	82	526968	24.01	ng		96
26) 2-Nitrophenol	7.63	139	166788	31.48	ng	#	92
27) 2,4-Dimethylphenol	7.68	122	258697	24.13	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	312210	23.29	ng		100
29) 2,4-Dichlorophenol	7.87	162	230102	25.76	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	256876	27.86	ng		95
31) Naphthalene	8.03	128	803442	27.73	ng		99
32) Benzoic acid	7.79	122	197686	31.24	ng		89
33) 4-Chloroaniline	8.09	127	361668	27.22	ng		98
34) Hexachlorobutadiene	8.16	225	160133	30.21	ng		99
35) Caprolactam	8.45	113	73477	24.40	ng	#	56
36) 4-Chloro-3-methylphenol	8.58	107	281526	28.14	ng		99
37) 2-Methylnaphthalene	8.73	142	560996	26.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	239336	26.43	ng		98
40) Hexachlorocyclopentadiene	8.88	237	102029	18.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	155499	22.95	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	172124	26.50	ng	#	93
45) 1,1'-Biphenyl	9.18	154	694413	27.74	ng		98
46) 2-Chloronaphthalene	9.21	162	486736	24.75	ng		97
47) 2-Nitroaniline	9.31	65	170638	26.29	ng		94
48) Acenaphthylene	9.62	152	790309	27.21	ng		99
49) Dimethylphthalate	9.49	163	571649	25.39	ng	#	90
50) 2,6-Dinitrotoluene	9.55	165	118951	24.09	ng	#	36
51) Acenaphthene	9.79	154	533228	27.37	ng		97
52) 3-Nitroaniline	9.72	138	154392	25.23	ng		90
53) 2,4-Dinitrophenol	9.82	184	65169	44.44	ng	#	74
54) Dibenzofuran	9.96	168	634398	22.23	ng	#	90
55) 4-Nitrophenol	9.89	139	118021	26.57	ng		90
56) 2,4-Dinitrotoluene	9.95	165	159820	25.57	ng	#	80
57) Fluorene	10.30	166	521029	23.63	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	134854	24.32	ng		93
59) Diethylphthalate	10.19	149	585184	26.36	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	261086	29.39	ng		96
61) 4-Nitroaniline	10.33	138	129714	23.78	ng		93
62) Azobenzene	10.46	77	618531	25.40	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	106936	33.92	ng		96
65) n-Nitrosodiphenylamine	10.42	169	446444	24.04	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	172337	27.57	ng		97
67) Hexachlorobenzene	10.85	284	176668	25.11	ng	#	91
68) Atrazine	10.96	200	168416	27.71	ng		96
69) Pentachlorophenol	11.05	266	82173	22.52	ng		97
70) Phenanthrene	11.26	178	824886	27.15	ng		99
71) Anthracene	11.32	178	859293	28.85	ng		100
72) Carbazole	11.48	167	713993	24.52	ng		97
73) Di-n-butylphthalate	11.81	149	874644	27.11	ng	#	98
74) Fluoranthene	12.45	202	867246	27.33	ng		94
76) Benzidine	12.58	184	488063	31.10	ng		99
77) Pyrene	12.68	202	853164	24.84	ng		98
79) Butylbenzylphthalate	13.31	149	383855	25.83	ng		90
80) Benzo(a)anthracene	13.86	228	699088	27.20	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	266489	29.71	ng		98
82) Chrysene	13.91	228	699375	28.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	484549	25.81	ng		99
84) Di-n-octyl phthalate	14.48	149	778629	24.56	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	538369	27.50	ng		99
87) Benzo(b)fluoranthene	14.88	252	668286m	26.69	ng		
88) Benzo(k)fluoranthene	14.90	252	519488m	25.37	ng		
89) Benzo(a)pyrene	15.20	252	545285	25.67	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	454693	24.88	ng		96
91) Benzo(g,h,i)perylene	16.96	276	450823	23.82	ng		99

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

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