Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086358.D
Acq On : 22 Apr 2016 21:52
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
4/25/2016 12:35:42 PM

Quant Time: Apr 23 00:01:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 23:16:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	167343	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	742041	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	353641	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	655249	20.00	ng		0.00
75) Chrysene-d12	14.00	240	468583	20.00	ng		0.00
86) Perylene-d12	15.41	264	439086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1220823	127.26	ng		0.01
7) Phenol-d6	6.48	99	1512375	119.67	ng		0.00
23) Nitrobenzene-d5	7.41	82	1361773	105.21	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	351898	124.95	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	2038717	95.68	ng		0.00
78) Terphenyl-d14	12.95	244	2059103	106.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	318911	61.67	ng		97
3) Pyridine	3.13	79	791871	58.96	ng		96
4) n-Nitrosodimethylamine	3.08	42	300164	65.74	ng		99
6) Aniline	6.51	93	1028429	61.12	ng		89
8) 2-Chlorophenol	6.62	128	648136	56.60	ng		94
9) Benzaldehyde	6.38	77	427387	48.51	ng		99
10) Phenol	6.49	94	813394	55.92	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	713293	56.74	ng		98
12) 1,3-Dichlorobenzene	6.78	146	738387	59.06	ng		97
13) 1,4-Dichlorobenzene	6.86	146	786893	58.73	ng		99
14) 1,2-Dichlorobenzene	7.01	146	644784	53.97	ng		96
15) Benzyl Alcohol	6.99	79	487043	62.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	962817	55.05	ng		100
17) 2-Methylphenol	7.10	107	584896	61.37	ng		99
18) Hexachloroethane	7.36	117	250290	62.39	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	409001	53.69	ng	#	85
20) 3+4-Methylphenols	7.26	107	605525	58.39	ng		93
22) Acetophenone	7.26	105	855886	54.67	ng	#	90
24) Nitrobenzene	7.44	77	798568	57.75	ng	#	84
25) Isophorone	7.68	82	1355397	55.40	ng		95
26) 2-Nitrophenol	7.74	139	399949	64.33	ng		93
27) 2,4-Dimethylphenol	7.79	122	675789	55.94	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	750954	52.92	ng		99
29) 2,4-Dichlorophenol	7.98	162	563009	58.57	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	584101	56.55	ng		99
31) Naphthalene	8.16	128	2082075m	58.53	ng		
32) Benzoic acid	7.93	122	494045	68.85	ng		96
33) 4-Chloroaniline	8.20	127	856205	58.11	ng		97
34) Hexachlorobutadiene	8.27	225	270043	51.95	ng		98
35) Caprolactam	8.59	113	219471	70.61	ng	#	85
36) 4-Chloro-3-methylphenol	8.68	107	598375	55.01	ng		96
37) 2-Methylnaphthalene	8.84	142	1168881	53.25	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	509445	54.33	ng		100
40) Hexachlorocyclopentadiene	9.00	237	275454	120.27	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	358640	55.21	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	425690	59.79	ng		98
45) 1,1'-Biphenyl	9.31	154	1500765	54.23	ng		98
46) 2-Chloronaphthalene	9.33	162	1218270	57.96	ng		98
47) 2-Nitroaniline	9.42	65	412517	57.77	ng		90
48) Acenaphthylene	9.74	152	1840507	55.40	ng		100
49) Dimethylphthalate	9.61	163	1376733	51.12	ng		99
50) 2,6-Dinitrotoluene	9.68	165	346569	62.50	ng	#	66
51) Acenaphthene	9.92	154	1157804	58.84	ng		99
52) 3-Nitroaniline	9.84	138	417635	59.10	ng		91
53) 2,4-Dinitrophenol	9.94	184	192169	148.64	ng	#	83
54) Dibenzofuran	10.09	168	1487460	56.29	ng		97
55) 4-Nitrophenol	10.00	139	304251	67.83	ng		86
56) 2,4-Dinitrotoluene	10.08	165	454451	65.33	ng	#	78
57) Fluorene	10.43	166	1177996	59.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	300771	62.45	ng		100
59) Diethylphthalate	10.30	149	1310102	50.06	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	514377	56.48	ng		98
61) 4-Nitroaniline	10.45	138	428795	63.50	ng		89
62) Azobenzene	10.58	77	1385158	53.49	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	248215	114.44	ng	#	61
65) n-Nitrosodiphenylamine	10.54	169	1094170	51.63	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	353345	50.77	ng		98
67) Hexachlorobenzene	10.98	284	380595	54.32	ng	#	87
68) Atrazine	11.07	200	325411	49.50	ng		96
69) Pentachlorophenol	11.17	266	255799	68.28	ng		97
70) Phenanthrene	11.39	178	1810055	58.22	ng		99
71) Anthracene	11.44	178	2013125	59.96	ng		99
72) Carbazole	11.60	167	1933510	60.43	ng		98
73) Di-n-butylphthalate	11.93	149	1952676	49.31	ng		99
74) Fluoranthene	12.57	202	1855043	62.70	ng		99
76) Benzidine	12.69	184	1162087	56.24	ng		98
77) Pyrene	12.80	202	1872820	54.36	ng		100
79) Butylbenzylphthalate	13.43	149	958843	53.50	ng		95
80) Benzo(a)anthracene	13.99	228	1356903	55.17	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	942391	55.04	ng	#	93
82) Chrysene	14.03	228	1600296	59.85	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	975544	46.89	ng		98
84) Di-n-octyl phthalate	14.59	149	1892774	50.01	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1392825	52.13	ng		100
87) Benzo(b)fluoranthene	15.01	252	1480446m	56.73	ng		
88) Benzo(k)fluoranthene	15.04	252	1293011m	61.26	ng		
89) Benzo(a)pyrene	15.36	252	1327200	56.63	ng	#	96
90) Dibenzo(a,h)anthracene	16.82	278	1147803	56.87	ng		96
91) Benzo(g,h,i)perylene	17.21	276	1198938	61.49	ng		99

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

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