Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086824.D
Acq On : 9 May 2016 14:38
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
5/10/2016 11:05:47 AM

Quant Time: May 09 15:19:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:52:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161348	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	682094	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	327364	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	580586	20.00	ng		0.00
75) Chrysene-d12	13.84	240	384807	20.00	ng		0.00
86) Perylene-d12	15.21	264	336060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1104581	118.08	ng		0.00
7) Phenol-d6	6.36	99	1395435	106.89	ng		0.00
23) Nitrobenzene-d5	7.28	82	1559254	123.22	ng		0.01
41) 2,4,6-Tribromophenol	10.52	330	359162	104.04	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	2198150	113.64	ng		0.00
78) Terphenyl-d14	12.80	244	2231639	127.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	285128	58.03	ng	#	68
3) Pyridine	2.85	79	736280	63.31	ng	#	67
4) n-Nitrosodimethylamine	2.82	42	544614	82.16	ng	#	49
6) Aniline	6.36	93	904529	57.25	ng	#	75
8) 2-Chlorophenol	6.49	128	672501	57.72	ng		91
9) Benzaldehyde	6.24	77	364563	48.00	ng		92
10) Phenol	6.37	94	755600	51.88	ng	#	42
11) bis(2-Chloroethyl)ether	6.44	93	644897	51.21	ng		85
12) 1,3-Dichlorobenzene	6.64	146	732386	58.44	ng		98
13) 1,4-Dichlorobenzene	6.72	146	734189	56.78	ng		99
14) 1,2-Dichlorobenzene	6.86	146	577085	48.67	ng		96
15) Benzyl Alcohol	6.85	79	518122	62.73	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1433508	56.88	ng		55
17) 2-Methylphenol	6.98	107	512125	54.38	ng	#	79
18) Hexachloroethane	7.21	117	286582	59.31	ng	#	83
19) n-Nitroso-di-n-propylamine	7.13	70	492583	57.08	ng	#	66
20) 3+4-Methylphenols	7.14	107	669708	62.29	ng	#	61
22) Acetophenone	7.12	105	945214	63.20	ng	#	94
24) Nitrobenzene	7.29	77	762512	58.58	ng		93
25) Isophorone	7.54	82	1469828	60.35	ng		96
26) 2-Nitrophenol	7.61	139	391923	65.39	ng	#	84
27) 2,4-Dimethylphenol	7.66	122	629162	59.83	ng		91
28) bis(2-Chloroethoxy)methane	7.74	93	750394	56.56	ng		98
29) 2,4-Dichlorophenol	7.86	162	549649	61.95	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	597946	58.09	ng		97
31) Naphthalene	8.01	128	1948026	56.13	ng		98
32) Benzoic acid	7.84	122	441548	80.97	ng		88
33) 4-Chloroaniline	8.06	127	729419	56.12	ng	#	90
34) Hexachlorobutadiene	8.12	225	327634	56.78	ng		97
35) Caprolactam	8.48	113	196035	66.23	ng		88
36) 4-Chloro-3-methylphenol	8.57	107	591345	58.21	ng		90
37) 2-Methylnaphthalene	8.69	142	1042904	50.92	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	557110	59.45	ng		97
40) Hexachlorocyclopentadiene	8.84	237	286679	61.56	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	367308	62.01	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	370124	57.33	ng		94
45) 1,1'-Biphenyl	9.16	154	1362318	49.79	ng		95
46) 2-Chloronaphthalene	9.18	162	1110298	53.37	ng		94
47) 2-Nitroaniline	9.29	65	452315	67.80	ng	#	72
48) Acenaphthylene	9.60	152	1594959	49.04	ng		99
49) Dimethylphthalate	9.48	163	1452393	58.93	ng		99
50) 2,6-Dinitrotoluene	9.54	165	329268	64.67	ng		96
51) Acenaphthene	9.77	154	1004862	48.11	ng		99
52) 3-Nitroaniline	9.71	138	340262	58.76	ng		86
53) 2,4-Dinitrophenol	9.81	184	161859	71.07	ng		88
54) Dibenzofuran	9.94	168	1283144	49.15	ng		94
55) 4-Nitrophenol	9.89	139	222852	58.78	ng	#	74
56) 2,4-Dinitrotoluene	9.94	165	341139	52.56	ng	#	71
57) Fluorene	10.28	166	1155367	50.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	282218	55.91	ng		95
59) Diethylphthalate	10.17	149	1269566	54.42	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	506195	49.19	ng		97
61) 4-Nitroaniline	10.33	138	321306	56.77	ng	#	72
62) Azobenzene	10.43	77	1365246	53.43	ng		84
64) 4,6-Dinitro-2-methylphenol	10.35	198	246258	72.25	ng		85
65) n-Nitrosodiphenylamine	10.40	169	1000158	55.12	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	340547	56.92	ng		96
67) Hexachlorobenzene	10.82	284	405634	58.58	ng	#	65
68) Atrazine	10.93	200	304911	55.96	ng		95
69) Pentachlorophenol	11.02	266	204563	56.03	ng		99
70) Phenanthrene	11.23	178	1762492	57.85	ng		99
71) Anthracene	11.29	178	1680318	51.68	ng		98
72) Carbazole	11.45	167	1437095	49.87	ng		98
73) Di-n-butylphthalate	11.78	149	1792890	54.91	ng	#	97
74) Fluoranthene	12.42	202	1824679	59.33	ng		95
76) Benzidine	12.55	184	626115	47.35	ng		98
77) Pyrene	12.65	202	1847528	66.63	ng		100
79) Butylbenzylphthalate	13.27	149	742215	61.81	ng	#	65
80) Benzo(a)anthracene	13.83	228	1209887	58.97	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	789346	57.56	ng	#	97
82) Chrysene	13.87	228	1338698	60.03	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	847792	56.87	ng		97
84) Di-n-octyl phthalate	14.43	149	1503509	64.41	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.51	276	1207182	73.06	ng		96
87) Benzo(b)fluoranthene	14.83	252	1114839m	56.39	ng		
88) Benzo(k)fluoranthene	14.87	252	1143824m	55.47	ng		
89) Benzo(a)pyrene	15.16	252	1109913	59.46	ng		98
90) Dibenzo(a,h)anthracene	16.52	278	980100	64.16	ng		96
91) Benzo(g,h,i)perylene	16.90	276	1038269	67.83	ng	#	92

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

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