Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087102.D
Acq On : 17 May 2016 14:38
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
5/18/2016 6:56:46 PM

Quant Time: May 17 15:07:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 14:49:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	152804	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	662812	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	320024	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	577777	20.00	ng		0.00
75) Chrysene-d12	13.74	240	450360	20.00	ng		-0.01
86) Perylene-d12	15.10	264	424841	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	468856	51.96	ng		0.00
7) Phenol-d6	6.26	99	614492	50.96	ng		-0.01
23) Nitrobenzene-d5	7.18	82	677293	51.31	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	175728	51.87	ng		-0.01
44) 2-Fluorobiphenyl	8.96	172	978473	51.39	ng		-0.01
78) Terphenyl-d14	12.70	244	1081642	50.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	122384	27.63	ng	#	78
3) Pyridine	2.66	79	265762	24.54	ng	#	64
4) n-Nitrosodimethylamine	2.60	42	201402	25.65	ng	#	49
6) Aniline	6.26	93	384906	26.39	ng		91
8) 2-Chlorophenol	6.39	128	279387	25.66	ng		98
9) Benzaldehyde	6.14	77	187832	26.90	ng		96
10) Phenol	6.27	94	403470	28.15	ng		76
11) bis(2-Chloroethyl)ether	6.34	93	296031	26.49	ng		94
12) 1,3-Dichlorobenzene	6.52	146	283185m	24.04	ng		
13) 1,4-Dichlorobenzene	6.60	146	294153m	24.48	ng		
14) 1,2-Dichlorobenzene	6.76	146	283215	27.04	ng		99
15) Benzyl Alcohol	6.75	79	233683	28.06	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	6.88	45	619508	25.49	ng		68
17) 2-Methylphenol	6.88	107	224175	25.88	ng	#	75
18) Hexachloroethane	7.10	117	109847	24.30	ng	#	91
19) n-Nitroso-di-n-propylamine	7.03	70	240169	28.50	ng	#	76
20) 3+4-Methylphenols	7.04	107	311521	27.53	ng	#	61
22) Acetophenone	7.02	105	399544	25.52	ng	#	98
24) Nitrobenzene	7.19	77	356144	26.23	ng		96
25) Isophorone	7.43	82	580915	23.72	ng		97
26) 2-Nitrophenol	7.51	139	154726	25.92	ng	#	80
27) 2,4-Dimethylphenol	7.56	122	260605	25.63	ng		89
28) bis(2-Chloroethoxy)methane	7.64	93	309719	23.44	ng	#	97
29) 2,4-Dichlorophenol	7.76	162	235452	26.31	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	250186	25.00	ng		97
31) Naphthalene	7.91	128	856288	25.79	ng		100
32) Benzoic acid	7.71	122	157957	26.45	ng	#	84
33) 4-Chloroaniline	7.96	127	324880	25.19	ng	#	85
34) Hexachlorobutadiene	8.02	225	138835	23.91	ng		98
35) Caprolactam	8.35	113	80177	26.33	ng		98
36) 4-Chloro-3-methylphenol	8.47	107	266565	24.56	ng		86
37) 2-Methylnaphthalene	8.59	142	494747	25.49	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	246121	26.45	ng		98
40) Hexachlorocyclopentadiene	8.74	237	55080	12.47	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	156755	25.19	ng		94
43) 2,4,5-Trichlorophenol	8.94	196	156020	24.25	ng	#	92
45) 1,1'-Biphenyl	9.06	154	686698	26.98	ng		98
46) 2-Chloronaphthalene	9.08	162	527211	26.44	ng		97
47) 2-Nitroaniline	9.20	65	196832	27.01	ng		98
48) Acenaphthylene	9.50	152	824052	28.09	ng		99
49) Dimethylphthalate	9.37	163	583070	23.88	ng		99
50) 2,6-Dinitrotoluene	9.44	165	145005	28.22	ng		93
51) Acenaphthene	9.67	154	517880	28.38	ng		98
52) 3-Nitroaniline	9.61	138	153691	28.41	ng		100
53) 2,4-Dinitrophenol	9.72	184	58514	27.36	ng		91
54) Dibenzofuran	9.84	168	658594	28.12	ng		98
55) 4-Nitrophenol	9.80	139	56666m	17.61	ng		
56) 2,4-Dinitrotoluene	9.84	165	156792	24.66	ng	#	63
57) Fluorene	10.18	166	576286	28.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	121294	25.04	ng		98
59) Diethylphthalate	10.07	149	584335	24.56	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	239567	23.57	ng		97
61) 4-Nitroaniline	10.22	138	143300	27.58	ng	#	68
62) Azobenzene	10.33	77	637545	24.84	ng		85
64) 4,6-Dinitro-2-methylphenol	10.25	198	98675	27.49	ng	#	69
65) n-Nitrosodiphenylamine	10.30	169	445391	25.09	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	157674	26.92	ng		91
67) Hexachlorobenzene	10.72	284	172567	25.21	ng	#	63
68) Atrazine	10.83	200	162747	27.45	ng		95
69) Pentachlorophenol	10.92	266	63259	19.99	ng		94
70) Phenanthrene	11.13	178	775586	25.15	ng		100
71) Anthracene	11.19	178	888871	28.19	ng		99
72) Carbazole	11.35	167	717233	26.46	ng		99
73) Di-n-butylphthalate	11.68	149	852996	25.77	ng	#	98
74) Fluoranthene	12.32	202	866449	27.32	ng		91
76) Benzidine	12.44	184	340528	29.66	ng		98
77) Pyrene	12.54	202	839033	24.33	ng		99
79) Butylbenzylphthalate	13.18	149	374436	25.67	ng		95
80) Benzo(a)anthracene	13.73	228	691812	27.36	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	458033	28.51	ng	#	98
82) Chrysene	13.77	228	711081	27.65	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	477929	27.24	ng		98
84) Di-n-octyl phthalate	14.34	149	820326	28.23	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.34	276	563186	26.32	ng		95
87) Benzo(b)fluoranthene	14.73	252	692309m	25.07	ng		
88) Benzo(k)fluoranthene	14.75	252	570346m	25.23	ng		
89) Benzo(a)pyrene	15.04	252	584842	24.56	ng	#	97
90) Dibenzo(a,h)anthracene	16.34	278	471768	23.50	ng		97
91) Benzo(g,h,i)perylene	16.71	276	470169	23.05	ng	#	91

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

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