Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090075.D
Acq On : 15 Sep 2016 3:08
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
9/15/2016 12:51:32 PM

Quant Time: Sep 15 05:07:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	173197	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	703488	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	355702	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	628910	20.00	ng		0.00
75) Chrysene-d12	13.67	240	502616	20.00	ng		0.00
86) Perylene-d12	14.99	264	461412	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	572894	52.87	ng		-0.01
7) Phenol-d6	6.20	99	767632	54.23	ng		0.00
23) Nitrobenzene-d5	7.12	82	651553	52.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	172688	47.52	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1201669	52.73	ng		0.00
78) Terphenyl-d14	12.63	244	954354	47.30	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	138854	25.69	ng		98
3) Pyridine	2.60	79	300997	22.04	ng		99
4) n-Nitrosodimethylamine	2.56	42	103101	24.79	ng		98
6) Aniline	6.22	93	469074	26.66	ng		96
8) 2-Chlorophenol	6.33	128	325483	26.22	ng		93
9) Benzaldehyde	6.09	77	209656	27.94	ng		96
10) Phenol	6.22	94	425487	25.85	ng		87
11) bis(2-Chloroethyl)ether	6.30	93	344066	27.21	ng		97
12) 1,3-Dichlorobenzene	6.49	146	341693	26.69	ng		98
13) 1,4-Dichlorobenzene	6.57	146	353809	26.95	ng		99
14) 1,2-Dichlorobenzene	6.72	146	306757m	25.39	ng		
15) Benzyl Alcohol	6.71	79	219849	27.43	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	396974	26.09	ng		96
17) 2-Methylphenol	6.83	107	269563	26.62	ng		97
18) Hexachloroethane	7.06	117	119327	24.85	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	216471	24.76	ng		96
20) 3+4-Methylphenols	6.98	107	335008	27.49	ng	#	80
22) Acetophenone	6.97	105	440025	25.85	ng	#	96
24) Nitrobenzene	7.14	77	357813	27.15	ng		94
25) Isophorone	7.38	82	661274	25.33	ng		96
26) 2-Nitrophenol	7.46	139	178610	28.12	ng		92
27) 2,4-Dimethylphenol	7.52	122	294613	26.30	ng		95
28) bis(2-Chloroethoxy)methane	7.61	93	424405	27.90	ng		99
29) 2,4-Dichlorophenol	7.70	162	259890	26.17	ng		90
30) 1,2,4-Trichlorobenzene	7.78	180	247465	25.33	ng		100
31) Naphthalene	7.86	128	948902	27.42	ng		99
32) Benzoic acid	7.66	122	221751	25.66	ng		94
33) 4-Chloroaniline	7.92	127	400976	27.47	ng		97
34) Hexachlorobutadiene	7.99	225	133142	26.75	ng		99
35) Caprolactam	8.30	113	92701	27.46	ng		86
36) 4-Chloro-3-methylphenol	8.41	107	315811	27.23	ng		94
37) 2-Methylnaphthalene	8.55	142	534705	25.01	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	242850	26.38	ng		99
40) Hexachlorocyclopentadiene	8.71	237	122688	25.69	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	174418	25.68	ng		100
43) 2,4,5-Trichlorophenol	8.87	196	177930	24.45	ng	#	86
45) 1,1'-Biphenyl	9.02	154	759138	25.44	ng		98
46) 2-Chloronaphthalene	9.04	162	556706	26.52	ng		95
47) 2-Nitroaniline	9.14	65	168384	24.41	ng	#	84
48) Acenaphthylene	9.44	152	914623	25.20	ng		99
49) Dimethylphthalate	9.32	163	617422	23.32	ng		98
50) 2,6-Dinitrotoluene	9.38	165	147774	25.03	ng		88
51) Acenaphthene	9.62	154	541112	24.94	ng		99
52) 3-Nitroaniline	9.54	138	180258	25.13	ng		82
53) 2,4-Dinitrophenol	9.66	184	75546	26.98	ng	#	92
54) Dibenzofuran	9.79	168	717218	25.28	ng		95
55) 4-Nitrophenol	9.71	139	120103	17.07	ng	#	81
56) 2,4-Dinitrotoluene	9.78	165	198407	27.47	ng	#	82
57) Fluorene	10.12	166	545580	24.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	141515	25.74	ng		99
59) Diethylphthalate	10.02	149	642890	25.16	ng		99
60) 4-Chlorophenyl-phenylether	10.12	204	232025	24.55	ng		94
61) 4-Nitroaniline	10.16	138	192482	26.21	ng		98
62) Azobenzene	10.28	77	690833	25.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.18	198	101333	24.92	ng	#	64
65) n-Nitrosodiphenylamine	10.25	169	558083	27.77	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	163672	27.10	ng	#	94
67) Hexachlorobenzene	10.67	284	193001	27.25	ng	#	86
68) Atrazine	10.78	200	143841	24.69	ng		96
69) Pentachlorophenol	10.87	266	115206	27.29	ng		98
70) Phenanthrene	11.07	178	777588	25.47	ng		99
71) Anthracene	11.13	178	895845	28.03	ng		99
72) Carbazole	11.29	167	906418	26.68	ng		97
73) Di-n-butylphthalate	11.63	149	996308	26.58	ng		99
74) Fluoranthene	12.25	202	883146	27.98	ng		96
76) Benzidine	12.39	184	528646	25.54	ng		97
77) Pyrene	12.47	202	838041	23.80	ng		99
79) Butylbenzylphthalate	13.11	149	427934	24.10	ng	#	74
80) Benzo(a)anthracene	13.66	228	682648	24.06	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	306355	25.61	ng	#	98
82) Chrysene	13.69	228	723062	26.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	555627	25.31	ng	#	99
84) Di-n-octyl phthalate	14.29	149	1000132	25.79	ng		99
85) Indeno(1,2,3-cd)pyrene	16.17	276	557168	23.22	ng		100
87) Benzo(b)fluoranthene	14.64	252	597111m	21.33	ng		
88) Benzo(k)fluoranthene	14.66	252	665997m	29.09	ng		
89) Benzo(a)pyrene	14.94	252	602804	24.62	ng	#	94
90) Dibenzo(a,h)anthracene	16.19	278	471542	24.30	ng		99
91) Benzo(g,h,i)perylene	16.53	276	440716	23.76	ng		94

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

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