Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085456.D
Acq On : 15 Mar 2016 15:18
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:28 PM

Quant Time: Mar 15 16:51:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 16:07:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	175733	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	696872	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	339630	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	616177	20.00	ng		0.00
75) Chrysene-d12	14.08	240	391857	20.00	ng		0.00
86) Perylene-d12	15.52	264	283908	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	577649	55.14	ng		0.00
7) Phenol-d6	6.54	99	708836	51.64	ng		-0.01
23) Nitrobenzene-d5	7.48	82	621085	47.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	164673	56.66	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1135626	50.85	ng		0.00
78) Terphenyl-d14	13.02	244	861227	51.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	130126	24.29	ng		96
3) Pyridine	3.30	79	320154	23.88	ng		98
4) n-Nitrosodimethylamine	3.24	42	139493	24.31	ng		99
6) Aniline	6.57	93	498715	25.92	ng		95
8) 2-Chlorophenol	6.70	128	318416	25.25	ng		87
9) Benzaldehyde	6.46	77	196596	27.83	ng		90
10) Phenol	6.55	94	416097	28.30	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	280020	22.93	ng		93
12) 1,3-Dichlorobenzene	6.85	146	331983m	24.52	ng		
13) 1,4-Dichlorobenzene	6.93	146	353240	26.03	ng		98
14) 1,2-Dichlorobenzene	7.09	146	319054	25.91	ng		95
15) Benzyl Alcohol	7.05	79	275272	27.32	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	395125	22.45	ng		98
17) 2-Methylphenol	7.17	107	274214	26.64	ng		97
18) Hexachloroethane	7.43	117	129625	25.89	ng	#	90
19) n-Nitroso-di-n-propylamine	7.33	70	231593	25.89	ng		96
20) 3+4-Methylphenols	7.32	107	307751	25.25	ng	#	87
22) Acetophenone	7.33	105	463359	27.24	ng	#	92
24) Nitrobenzene	7.50	77	366036	27.67	ng	#	89
25) Isophorone	7.74	82	635945	26.35	ng		94
26) 2-Nitrophenol	7.82	139	165347	25.68	ng		99
27) 2,4-Dimethylphenol	7.85	122	321397	27.32	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	354430	26.37	ng		100
29) 2,4-Dichlorophenol	8.06	162	258106	27.20	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	272523	26.57	ng		99
31) Naphthalene	8.22	128	885495	25.84	ng		99
32) Benzoic acid	7.94	122	174013	22.27	ng		99
33) 4-Chloroaniline	8.26	127	363342	26.21	ng		99
34) Hexachlorobutadiene	8.34	225	141994	26.60	ng		98
35) Caprolactam	8.63	113	77897	25.14	ng		98
36) 4-Chloro-3-methylphenol	8.74	107	260577	24.21	ng		94
37) 2-Methylnaphthalene	8.92	142	607541	27.63	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	244388	25.16	ng		99
40) Hexachlorocyclopentadiene	9.06	237	121478	23.19	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	184435	25.51	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	171917	25.08	ng	#	89
45) 1,1'-Biphenyl	9.37	154	700433	24.14	ng		99
46) 2-Chloronaphthalene	9.41	162	550121	24.87	ng		98
47) 2-Nitroaniline	9.50	65	171912	25.08	ng	#	63
48) Acenaphthylene	9.82	152	950317	27.61	ng		98
49) Dimethylphthalate	9.67	163	613542	23.54	ng	#	98
50) 2,6-Dinitrotoluene	9.74	165	145154	26.03	ng		95
51) Acenaphthene	9.99	154	573588	27.44	ng		99
52) 3-Nitroaniline	9.91	138	174390	26.14	ng		89
53) 2,4-Dinitrophenol	10.01	184	56290	24.19	ng	#	42
54) Dibenzofuran	10.16	168	728414	26.60	ng		96
55) 4-Nitrophenol	10.06	139	108878	20.76	ng	#	65
56) 2,4-Dinitrotoluene	10.14	165	171328	24.01	ng		95
57) Fluorene	10.50	166	606274	28.19	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	123929	25.73	ng		99
59) Diethylphthalate	10.38	149	632449	25.00	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	268902	25.69	ng		97
61) 4-Nitroaniline	10.52	138	154524	24.76	ng		96
62) Azobenzene	10.65	77	586025	23.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.55	198	89664	24.30	ng		97
65) n-Nitrosodiphenylamine	10.61	169	480477	25.07	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	164662	27.52	ng		99
67) Hexachlorobenzene	11.05	284	170449	26.70	ng		97
68) Atrazine	11.13	200	134882	25.31	ng		99
69) Pentachlorophenol	11.25	266	84759	23.92	ng		97
70) Phenanthrene	11.46	178	863334	26.74	ng		98
71) Anthracene	11.51	178	865055	25.23	ng		99
72) Carbazole	11.67	167	775009	25.78	ng		99
73) Di-n-butylphthalate	12.00	149	975312	25.67	ng	#	98
74) Fluoranthene	12.65	202	845832	26.10	ng		96
76) Benzidine	12.77	184	341742	29.30	ng		99
77) Pyrene	12.88	202	854229	28.96	ng		98
79) Butylbenzylphthalate	13.50	149	355229	26.54	ng	#	76
80) Benzo(a)anthracene	14.07	228	589166	25.12	ng		98
81) 3,3'-Dichlorobenzidine	14.03	252	192481	26.01	ng		99
82) Chrysene	14.11	228	588351	27.15	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	418776	23.78	ng	#	97
84) Di-n-octyl phthalate	14.67	149	610885	22.78	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	475296	28.10	ng		96
87) Benzo(b)fluoranthene	15.10	252	507384	26.81	ng		99
88) Benzo(k)fluoranthene	15.13	252	348315m	22.82	ng		
89) Benzo(a)pyrene	15.47	252	403204	25.71	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	399168	29.82	ng	#	95
91) Benzo(g,h,i)perylene	17.40	276	407901	30.31	ng		99

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

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