Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
Data File : BF085099.D
Acq On : 1 Mar 2016 19:04
Operator : SJ/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
UMANGI
3/2/2016 1:04:09 PM

Quant Time: Mar 02 01:15:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 00:39:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	215717	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	856547	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	420032	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	751695	20.00	ng		0.00
75) Chrysene-d12	14.15	240	634745	20.00	ng		-0.01
86) Perylene-d12	15.62	264	502572	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	736273	59.78	ng		0.00
7) Phenol-d6	6.60	99	923626	59.40	ng		-0.01
23) Nitrobenzene-d5	7.55	82	888154	61.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	219171	49.26	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1300874	46.05	ng		-0.01
78) Terphenyl-d14	13.10	244	1354683	58.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	163928	27.74	ng		98
3) Pyridine	3.47	79	397422	25.59	ng		100
4) n-Nitrosodimethylamine	3.40	42	201595	27.79	ng		100
6) Aniline	6.65	93	644950	29.48	ng		99
8) 2-Chlorophenol	6.76	128	383073	26.78	ng		90
9) Benzaldehyde	6.54	77	266702	29.82	ng		94
10) Phenol	6.62	94	521526m	31.28	ng		
11) bis(2-Chloroethyl)ether	6.72	93	404270	28.34	ng		96
12) 1,3-Dichlorobenzene	6.92	146	412534m	26.59	ng		
13) 1,4-Dichlorobenzene	7.00	146	420309	27.18	ng		98
14) 1,2-Dichlorobenzene	7.16	146	400520	27.55	ng		93
15) Benzyl Alcohol	7.12	79	312827	27.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	579658	27.16	ng		100
17) 2-Methylphenol	7.23	107	340386	29.32	ng		97
18) Hexachloroethane	7.51	117	163495	29.09	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	284580	26.34	ng	#	89
20) 3+4-Methylphenols	7.38	107	400391	28.10	ng	#	89
22) Acetophenone	7.39	105	552803	25.89	ng	#	96
24) Nitrobenzene	7.56	77	407120	28.06	ng		94
25) Isophorone	7.80	82	760993	25.66	ng		98
26) 2-Nitrophenol	7.88	139	165624	30.39	ng	#	72
27) 2,4-Dimethylphenol	7.92	122	393319	28.03	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	501028	28.77	ng		100
29) 2,4-Dichlorophenol	8.12	162	324308	27.11	ng		93
30) 1,2,4-Trichlorobenzene	8.22	180	353825	26.22	ng		98
31) Naphthalene	8.30	128	1146426	27.95	ng		99
32) Benzoic acid	7.99	122	111955	12.54	ng		98
33) 4-Chloroaniline	8.34	127	503064	28.45	ng	#	92
34) Hexachlorobutadiene	8.42	225	191786	23.50	ng		99
35) Caprolactam	8.70	113	91806	25.45	ng		99
36) 4-Chloro-3-methylphenol	8.81	107	338178	26.44	ng		96
37) 2-Methylnaphthalene	8.98	142	696495	26.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	335720	23.92	ng		98
40) Hexachlorocyclopentadiene	9.14	237	182618	23.94	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	207988	23.18	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	212931	24.21	ng	#	86
45) 1,1'-Biphenyl	9.45	154	946565	26.42	ng		97
46) 2-Chloronaphthalene	9.47	162	644821	24.45	ng		96
47) 2-Nitroaniline	9.56	65	212564	31.56	ng	#	73
48) Acenaphthylene	9.90	152	1095547	25.80	ng		97
49) Dimethylphthalate	9.75	163	786867	25.72	ng		99
50) 2,6-Dinitrotoluene	9.80	165	153741	23.77	ng	#	83
51) Acenaphthene	10.07	154	688014	26.23	ng		99
52) 3-Nitroaniline	9.98	138	207075	27.24	ng		96
53) 2,4-Dinitrophenol	10.08	184	32079	18.48	ng	#	1
54) Dibenzofuran	10.24	168	890712	25.52	ng		92
55) 4-Nitrophenol	10.11	139	133090	22.11	ng	#	44
56) 2,4-Dinitrotoluene	10.20	165	205312	25.81	ng		93
57) Fluorene	10.58	166	734143	25.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	162080	22.64	ng		97
59) Diethylphthalate	10.44	149	753825	23.77	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	366944	24.97	ng		93
61) 4-Nitroaniline	10.58	138	162217	22.56	ng		86
62) Azobenzene	10.73	77	801690	26.25	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	86751	24.58	ng		95
65) n-Nitrosodiphenylamine	10.68	169	633039	26.77	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	223426	25.81	ng	#	85
67) Hexachlorobenzene	11.13	284	231801	25.26	ng	#	80
68) Atrazine	11.21	200	218964	31.95	ng		96
69) Pentachlorophenol	11.31	266	141873	25.63	ng		99
70) Phenanthrene	11.54	178	1121259	29.79	ng		98
71) Anthracene	11.59	178	1055294	27.62	ng		98
72) Carbazole	11.74	167	934119	26.98	ng		97
73) Di-n-butylphthalate	12.07	149	1106400	27.69	ng	#	98
74) Fluoranthene	12.72	202	1100931	27.00	ng		95
76) Benzidine	12.85	184	572394	30.75	ng		98
77) Pyrene	12.96	202	1148991	29.56	ng		97
79) Butylbenzylphthalate	13.57	149	441480	28.30	ng	#	65
80) Benzo(a)anthracene	14.14	228	967774	27.15	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	354723	27.41	ng	#	96
82) Chrysene	14.18	228	935762	28.58	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	614590	29.60	ng		100
84) Di-n-octyl phthalate	14.74	149	839830	25.38	ng		100
85) Indeno(1,2,3-cd)pyrene	17.10	276	656369	20.70	ng		99
87) Benzo(b)fluoranthene	15.19	252	922892	28.95	ng	#	97
88) Benzo(k)fluoranthene	15.22	252	584649m	22.98	ng		
89) Benzo(a)pyrene	15.55	252	681610	25.24	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	556256	23.56	ng		99
91) Benzo(g,h,i)perylene	17.55	276	543499	23.29	ng		97

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

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