Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086671.D
Acq On : 4 May 2016 12:17
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
5/5/2016 3:18:46 PM

Quant Time: May 04 13:38:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 13:25:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	180361	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	733913	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	361957	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	630566	20.00	ng		0.00
75) Chrysene-d12	13.88	240	447153	20.00	ng		0.00
86) Perylene-d12	15.27	264	345134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	575528	55.04	ng		0.00
7) Phenol-d6	6.37	99	719660	49.31	ng		0.00
23) Nitrobenzene-d5	7.31	82	750885	55.15	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	187479	49.12	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1237809	57.88	ng		0.00
78) Terphenyl-d14	12.84	244	1180368	58.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	133736	24.35	ng	#	72
3) Pyridine	2.94	79	319928	24.61	ng	#	72
4) n-Nitrosodimethylamine	2.88	42	202725	27.36	ng	#	53
6) Aniline	6.40	93	473206	26.80	ng		96
8) 2-Chlorophenol	6.52	128	329398	25.29	ng		98
9) Benzaldehyde	6.28	77	203980	24.02	ng		95
10) Phenol	6.38	94	403749	24.80	ng		72
11) bis(2-Chloroethyl)ether	6.48	93	359143	25.51	ng		93
12) 1,3-Dichlorobenzene	6.67	146	347420m	24.80	ng		
13) 1,4-Dichlorobenzene	6.75	146	354549m	24.53	ng		
14) 1,2-Dichlorobenzene	6.91	146	327222	24.69	ng		96
15) Benzyl Alcohol	6.89	79	248596	26.93	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	698500	24.79	ng		88
17) 2-Methylphenol	7.00	107	264748	25.15	ng		94
18) Hexachloroethane	7.25	117	136369	25.25	ng	#	83
19) n-Nitroso-di-n-propylamine	7.16	70	247985	25.71	ng	#	80
20) 3+4-Methylphenols	7.16	107	323284	26.90	ng	#	70
22) Acetophenone	7.15	105	425754	26.46	ng	#	90
24) Nitrobenzene	7.32	77	388832	27.76	ng		97
25) Isophorone	7.56	82	649774	24.80	ng		98
26) 2-Nitrophenol	7.64	139	178823	27.73	ng	#	83
27) 2,4-Dimethylphenol	7.69	122	309956	27.39	ng		93
28) bis(2-Chloroethoxy)methane	7.78	93	364838	25.56	ng		98
29) 2,4-Dichlorophenol	7.88	162	255494	26.76	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	285568	25.78	ng		97
31) Naphthalene	8.04	128	913145	24.45	ng		99
32) Benzoic acid	7.78	122	78950	13.46	ng		87
33) 4-Chloroaniline	8.10	127	392528	28.07	ng	#	94
34) Hexachlorobutadiene	8.17	225	167510	26.98	ng		98
35) Caprolactam	8.46	113	84298	26.47	ng	#	69
36) 4-Chloro-3-methylphenol	8.59	107	288782	26.42	ng		94
37) 2-Methylnaphthalene	8.74	142	603790	27.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	259522	25.05	ng		99
40) Hexachlorocyclopentadiene	8.89	237	94001	18.26	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	164696	25.15	ng		96
43) 2,4,5-Trichlorophenol	9.06	196	187067	26.21	ng	#	93
45) 1,1'-Biphenyl	9.21	154	732559	24.21	ng		99
46) 2-Chloronaphthalene	9.22	162	574906	24.99	ng		92
47) 2-Nitroaniline	9.32	65	209098	28.35	ng	#	80
48) Acenaphthylene	9.64	152	905403	25.18	ng		98
49) Dimethylphthalate	9.50	163	671685	24.65	ng		100
50) 2,6-Dinitrotoluene	9.56	165	142034	25.23	ng	#	69
51) Acenaphthene	9.81	154	579093	25.07	ng		99
52) 3-Nitroaniline	9.73	138	167945	26.23	ng		91
53) 2,4-Dinitrophenol	9.85	184	25333	10.06	ng		88
54) Dibenzofuran	9.98	168	735300	25.47	ng		97
55) 4-Nitrophenol	9.90	139	92572	22.08	ng		84
56) 2,4-Dinitrotoluene	9.97	165	188423	26.26	ng	#	84
57) Fluorene	10.33	166	597905	23.86	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	137810	24.69	ng		99
59) Diethylphthalate	10.20	149	637717	24.72	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	280047	24.61	ng		96
61) 4-Nitroaniline	10.34	138	164892	26.35	ng	#	72
62) Azobenzene	10.48	77	733863	25.97	ng		89
64) 4,6-Dinitro-2-methylphenol	10.37	198	64475	17.42	ng	#	70
65) n-Nitrosodiphenylamine	10.44	169	517523	26.26	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	168112	25.87	ng	#	85
67) Hexachlorobenzene	10.86	284	189148	25.15	ng	#	70
68) Atrazine	10.97	200	177370	29.97	ng		96
69) Pentachlorophenol	11.06	266	74317	18.74	ng		93
70) Phenanthrene	11.28	178	851915	25.74	ng		100
71) Anthracene	11.33	178	976617	27.65	ng		99
72) Carbazole	11.49	167	818103	26.14	ng		99
73) Di-n-butylphthalate	11.82	149	973106	27.44	ng		99
74) Fluoranthene	12.47	202	944206	28.27	ng		92
76) Benzidine	12.59	184	244221	15.89	ng		97
77) Pyrene	12.68	202	896646	27.83	ng		100
79) Butylbenzylphthalate	13.31	149	378111	27.10	ng	#	60
80) Benzo(a)anthracene	13.87	228	639474	26.82	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	412441	25.88	ng	#	95
82) Chrysene	13.91	228	694354	26.80	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	455159	26.28	ng		100
84) Di-n-octyl phthalate	14.49	149	672300	24.78	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.59	276	553978	28.85	ng		97
87) Benzo(b)fluoranthene	14.89	252	594392m	29.27	ng		
88) Benzo(k)fluoranthene	14.91	252	454885m	21.48	ng		
89) Benzo(a)pyrene	15.21	252	478878	24.98	ng	#	96
90) Dibenzo(a,h)anthracene	16.60	278	463318	29.53	ng		96
91) Benzo(g,h,i)perylene	16.98	276	474388	30.18	ng		95

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

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