Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086821.D
Acq On : 9 May 2016 13:12
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
5/10/2016 11:05:45 AM

Quant Time: May 09 15:07:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:52:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	170011	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	700441	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	352116	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	655188	20.00	ng		0.00
75) Chrysene-d12	13.84	240	526667	20.00	ng		0.00
86) Perylene-d12	15.21	264	407302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	530576	53.83	ng		0.00
7) Phenol-d6	6.35	99	666058	48.42	ng		-0.01
23) Nitrobenzene-d5	7.26	82	707717	54.46	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	197941	53.31	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1157204	55.62	ng		0.00
78) Terphenyl-d14	12.79	244	1041551	43.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	123518	23.86	ng	#	73
3) Pyridine	2.88	79	281061	22.94	ng	#	65
4) n-Nitrosodimethylamine	2.81	42	210568	30.15	ng	#	49
6) Aniline	6.36	93	426165	25.60	ng	#	42
8) 2-Chlorophenol	6.48	128	305945	24.92	ng	#	79
9) Benzaldehyde	6.24	77	206773	25.84	ng		97
10) Phenol	6.36	94	390406	25.44	ng	#	37
11) bis(2-Chloroethyl)ether	6.43	93	285906	21.55	ng	#	82
12) 1,3-Dichlorobenzene	6.62	146	315577m	23.90	ng		
13) 1,4-Dichlorobenzene	6.70	146	328401m	24.10	ng		
14) 1,2-Dichlorobenzene	6.86	146	305922	24.48	ng		98
15) Benzyl Alcohol	6.85	79	248984	28.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	678816	25.56	ng		79
17) 2-Methylphenol	6.98	107	240860	24.27	ng	#	80
18) Hexachloroethane	7.20	117	122379	24.04	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	241233	26.53	ng	#	64
20) 3+4-Methylphenols	7.13	107	334038	29.48	ng	#	63
22) Acetophenone	7.12	105	429547	27.97	ng	#	91
24) Nitrobenzene	7.29	77	379590	28.40	ng		92
25) Isophorone	7.53	82	668922	26.75	ng		96
26) 2-Nitrophenol	7.60	139	158295	25.72	ng	#	59
27) 2,4-Dimethylphenol	7.65	122	275787	25.54	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	379649	27.86	ng		99
29) 2,4-Dichlorophenol	7.85	162	248633	27.29	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	269762	25.52	ng		99
31) Naphthalene	8.00	128	865801	24.29	ng		99
32) Benzoic acid	7.78	122	156856	28.01	ng	#	84
33) 4-Chloroaniline	8.06	127	363605	27.24	ng		97
34) Hexachlorobutadiene	8.12	225	162129	27.36	ng		97
35) Caprolactam	8.44	113	86787	28.55	ng	#	89
36) 4-Chloro-3-methylphenol	8.56	107	289326	27.73	ng		89
37) 2-Methylnaphthalene	8.69	142	588670	27.99	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	246278	24.43	ng		98
40) Hexachlorocyclopentadiene	8.84	237	116052	23.17	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	174652	27.41	ng		94
43) 2,4,5-Trichlorophenol	9.02	196	182998	26.35	ng	#	88
45) 1,1'-Biphenyl	9.16	154	708348	24.07	ng		99
46) 2-Chloronaphthalene	9.18	162	546552	24.42	ng		96
47) 2-Nitroaniline	9.29	65	216255	30.13	ng	#	81
48) Acenaphthylene	9.60	152	878348	25.11	ng		99
49) Dimethylphthalate	9.47	163	687218	25.92	ng		99
50) 2,6-Dinitrotoluene	9.53	165	153189	27.97	ng		92
51) Acenaphthene	9.77	154	537873	23.94	ng		98
52) 3-Nitroaniline	9.70	138	158510	25.45	ng		88
53) 2,4-Dinitrophenol	9.80	184	51309	20.95	ng	#	52
54) Dibenzofuran	9.94	168	701019	24.96	ng		96
55) 4-Nitrophenol	9.88	139	81656	20.02	ng	#	50
56) 2,4-Dinitrotoluene	9.93	165	179436	25.70	ng	#	77
57) Fluorene	10.27	166	567582	23.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	140922	25.96	ng		96
59) Diethylphthalate	10.16	149	618251	24.64	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	288058	26.02	ng		91
61) 4-Nitroaniline	10.32	138	156814	25.76	ng		85
62) Azobenzene	10.43	77	758582	27.60	ng		88
64) 4,6-Dinitro-2-methylphenol	10.34	198	103790	26.98	ng		89
65) n-Nitrosodiphenylamine	10.40	169	542757	26.51	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	174852	25.90	ng	#	78
67) Hexachlorobenzene	10.82	284	199678	25.55	ng	#	82
68) Atrazine	10.92	200	155840	25.34	ng		95
69) Pentachlorophenol	11.02	266	88546	21.49	ng		97
70) Phenanthrene	11.23	178	896005	26.06	ng		100
71) Anthracene	11.29	178	943078	25.70	ng		98
72) Carbazole	11.45	167	853884	26.26	ng		100
73) Di-n-butylphthalate	11.78	149	1048276	28.45	ng		99
74) Fluoranthene	12.41	202	899032	25.90	ng		99
76) Benzidine	12.55	184	360477	19.92	ng		97
77) Pyrene	12.64	202	897009	23.64	ng		100
79) Butylbenzylphthalate	13.27	149	413096	25.13	ng	#	76
80) Benzo(a)anthracene	13.83	228	755309	26.90	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	470011	25.04	ng	#	93
82) Chrysene	13.86	228	668425	21.90	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	506526	24.83	ng		97
84) Di-n-octyl phthalate	14.43	149	828871	25.94	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	553116	24.46	ng		96
87) Benzo(b)fluoranthene	14.83	252	683429m	28.52	ng		
88) Benzo(k)fluoranthene	14.85	252	567202m	22.69	ng		
89) Benzo(a)pyrene	15.15	252	576067	25.46	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	465765	25.16	ng	#	95
91) Benzo(g,h,i)perylene	16.88	276	458827	24.73	ng		96

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

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