Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087790.D
Acq On : 7 Jun 2016 14:56
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
sohil
6/8/2016 7:13:01 PM

Quant Time: Jun 07 16:43:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:25:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	93074	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	376276	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	185253	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	360600	20.00	ng		0.00
75) Chrysene-d12	13.99	240	270793	20.00	ng		0.00
86) Perylene-d12	15.39	264	215986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	278529	48.37	ng		0.00
7) Phenol-d6	6.47	99	339206	46.97	ng		-0.01
23) Nitrobenzene-d5	7.40	82	333974	51.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.66	330	102776	55.27	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	638029	46.09	ng		-0.01
78) Terphenyl-d14	12.94	244	581241	52.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	70861	25.46	ng	#	40
3) Pyridine	3.14	79	150122	20.42	ng		98
4) n-Nitrosodimethylamine	3.06	42	62902	20.25	ng		95
6) Aniline	6.50	93	248680	24.29	ng		99
8) 2-Chlorophenol	6.63	128	163785	24.72	ng		82
9) Benzaldehyde	6.39	77	123686	25.33	ng		99
10) Phenol	6.48	94	184898	22.48	ng		90
11) bis(2-Chloroethyl)ether	6.58	93	143037	23.94	ng	#	80
12) 1,3-Dichlorobenzene	6.78	146	170629	24.05	ng		98
13) 1,4-Dichlorobenzene	6.86	146	172398	24.22	ng		98
14) 1,2-Dichlorobenzene	7.02	146	168063	25.18	ng		99
15) Benzyl Alcohol	6.98	79	135291	25.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	211561	24.28	ng		92
17) 2-Methylphenol	7.10	107	126714	23.82	ng		98
18) Hexachloroethane	7.36	117	64718	26.00	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	109798	24.34	ng		94
20) 3+4-Methylphenols	7.26	107	170609	26.17	ng	#	69
22) Acetophenone	7.26	105	229678	26.95	ng	#	96
24) Nitrobenzene	7.43	77	174650	26.83	ng		97
25) Isophorone	7.67	82	318190	26.87	ng		97
26) 2-Nitrophenol	7.75	139	87169	28.82	ng	#	71
27) 2,4-Dimethylphenol	7.78	122	164009	26.17	ng		96
28) bis(2-Chloroethoxy)methane	7.88	93	186915	24.89	ng		99
29) 2,4-Dichlorophenol	7.99	162	136231	26.46	ng		89
30) 1,2,4-Trichlorobenzene	8.07	180	146755	27.22	ng		99
31) Naphthalene	8.15	128	475988	26.02	ng		99
32) Benzoic acid	7.87	122	84443	22.33	ng		96
33) 4-Chloroaniline	8.19	127	196731	24.75	ng		99
34) Hexachlorobutadiene	8.27	225	79334	28.31	ng		100
35) Caprolactam	8.56	113	46577	27.54	ng	#	82
36) 4-Chloro-3-methylphenol	8.67	107	137230	25.77	ng		96
37) 2-Methylnaphthalene	8.83	142	307803	25.48	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	150245	29.43	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	79993	26.64	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	100245	26.00	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	105620	29.43	ng	#	94
45) 1,1'-Biphenyl	9.30	154	415063	27.61	ng		98
46) 2-Chloronaphthalene	9.32	162	322337	26.93	ng		97
47) 2-Nitroaniline	9.42	65	82167	24.38	ng		98
48) Acenaphthylene	9.74	152	480448	25.74	ng		99
49) Dimethylphthalate	9.60	163	340609	25.29	ng		99
50) 2,6-Dinitrotoluene	9.66	165	77375	25.25	ng	#	47
51) Acenaphthene	9.91	154	289480	24.11	ng		99
52) 3-Nitroaniline	9.83	138	91851	26.21	ng		92
53) 2,4-Dinitrophenol	9.93	184	32873	26.37	ng	#	84
54) Dibenzofuran	10.08	168	421973	25.81	ng	#	91
55) 4-Nitrophenol	9.99	139	74251	24.79	ng	#	69
56) 2,4-Dinitrotoluene	10.06	165	99700	25.55	ng	#	59
57) Fluorene	10.42	166	332085	25.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	75056	24.28	ng	#	54
59) Diethylphthalate	10.30	149	357123	26.40	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	152707	26.48	ng	#	87
61) 4-Nitroaniline	10.43	138	80748	23.96	ng		95
62) Azobenzene	10.57	77	350651	25.76	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	51263	26.52	ng	#	61
65) n-Nitrosodiphenylamine	10.54	169	325557	27.56	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	90190	25.22	ng	#	77
67) Hexachlorobenzene	10.97	284	108812	27.21	ng	#	78
68) Atrazine	11.06	200	95014	27.16	ng		93
69) Pentachlorophenol	11.16	266	49400	20.79	ng		99
70) Phenanthrene	11.38	178	528769	27.04	ng		99
71) Anthracene	11.43	178	481880	24.60	ng		99
72) Carbazole	11.59	167	506084	27.29	ng		97
73) Di-n-butylphthalate	11.92	149	556392	27.98	ng		99
74) Fluoranthene	12.56	202	476671	24.78	ng		98
76) Benzidine	12.69	184	226939	21.25	ng		99
77) Pyrene	12.79	202	499775	25.92	ng		99
79) Butylbenzylphthalate	13.42	149	247175	30.12	ng		97
80) Benzo(a)anthracene	13.98	228	418593	26.78	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	116036	26.32	ng		99
82) Chrysene	14.01	228	412996	26.55	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	305281	31.26	ng	#	97
84) Di-n-octyl phthalate	14.58	149	493060	27.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	343182	26.69	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	348300	24.79	ng		99
88) Benzo(k)fluoranthene	15.02	252	319839m	27.36	ng		
89) Benzo(a)pyrene	15.34	252	309204	26.18	ng		97
90) Dibenzo(a,h)anthracene	16.79	278	284777	28.33	ng		98
91) Benzo(g,h,i)perylene	17.19	276	288025	28.40	ng		97

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

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