Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079740.D
Acq On : 5 Jun 2015 20:50
Operator : TP/IZ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
apatel
6/9/2015 8:09:14 AM

Quant Time: Jun 08 07:32:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 11:12:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	51128	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	205999	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	103894	20.00	ng		0.00
63) Phenanthrene-d10	12.09	188	215962	20.00	ng		0.00
75) Chrysene-d12	15.28	240	232243	20.00	ng		0.00
86) Perylene-d12	17.34	264	221454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	152487	51.19	ng		0.00
7) Phenol-d6	7.08	99	198603	51.02	ng		0.00
23) Nitrobenzene-d5	8.04	82	172660	51.53	ng		0.00
41) 2,4,6-Tribromophenol	11.36	330	50708	53.69	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	395643	54.20	ng		0.00
78) Terphenyl-d14	13.89	244	523595	52.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	34184	25.43	ng		99
3) Pyridine	4.27	79	92977	24.57	ng		96
4) n-Nitrosodimethylamine	4.18	42	43367	25.12	ng		90
6) Aniline	7.14	93	142092	26.35	ng		96
8) 2-Chlorophenol	7.27	128	81095	23.87	ng		92
9) Benzaldehyde	7.04	77	65848	26.94	ng		84
10) Phenol	7.10	94	108076	26.65	ng		96
11) bis(2-Chloroethyl)ether	7.20	93	85797	25.89	ng		93
12) 1,3-Dichlorobenzene	7.44	146	101780m	25.99	ng		
13) 1,4-Dichlorobenzene	7.51	146	110648	26.55	ng		96
14) 1,2-Dichlorobenzene	7.67	146	104729	28.27	ng		97
15) Benzyl Alcohol	7.61	79	80747	27.47	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.75	45	125557	23.10	ng		98
17) 2-Methylphenol	7.71	107	79045	28.00	ng		96
18) Hexachloroethane	8.02	117	31958	24.85	ng	#	70
19) n-Nitroso-di-n-propylamine	7.87	70	69376	25.91	ng		99
20) 3+4-Methylphenols	7.86	107	98057	25.73	ng		96
22) Acetophenone	7.88	105	129974	26.12	ng	#	99
24) Nitrobenzene	8.07	77	82800	23.85	ng	#	77
25) Isophorone	8.30	82	173724	23.74	ng		95
26) 2-Nitrophenol	8.39	139	32685	25.20	ng	#	91
27) 2,4-Dimethylphenol	8.40	122	84028	25.25	ng		97
28) bis(2-Chloroethoxy)methane	8.50	93	108816	26.27	ng		99
29) 2,4-Dichlorophenol	8.63	162	73288	25.46	ng		88
30) 1,2,4-Trichlorobenzene	8.72	180	90186	26.06	ng		94
31) Naphthalene	8.81	128	278155	24.68	ng		98
32) Benzoic acid	8.44	122	26661	21.78	ng		97
33) 4-Chloroaniline	8.83	127	138165	29.88	ng	#	92
34) Hexachlorobutadiene	8.92	225	55014	27.10	ng		98
35) Caprolactam	9.16	113	22500	25.76	ng		94
36) 4-Chloro-3-methylphenol	9.30	107	83522	27.32	ng		84
37) 2-Methylnaphthalene	9.51	142	175236	23.27	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	83655	25.16	ng		99
40) Hexachlorocyclopentadiene	9.66	237	33165	22.40	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	54455	26.36	ng		96
43) 2,4,5-Trichlorophenol	9.82	196	55815	23.81	ng	#	87
45) 1,1'-Biphenyl	9.96	154	230790	27.44	ng		96
46) 2-Chloronaphthalene	10.00	162	189034	27.51	ng		93
47) 2-Nitroaniline	10.08	65	35966	24.37	ng	#	68
48) Acenaphthylene	10.42	152	315110	26.92	ng		98
49) Dimethylphthalate	10.25	163	205079	25.64	ng		97
50) 2,6-Dinitrotoluene	10.32	165	29654	21.54	ng	#	68
51) Acenaphthene	10.59	154	174268	25.56	ng		99
52) 3-Nitroaniline	10.49	138	40436	25.20	ng	#	77
53) 2,4-Dinitrophenol	10.59	184	6960	23.95	ng	#	1
54) Dibenzofuran	10.76	168	251518	25.64	ng		94
55) 4-Nitrophenol	10.62	139	30216	22.81	ng	#	68
56) 2,4-Dinitrotoluene	10.72	165	36333	22.16	ng	#	57
57) Fluorene	11.12	166	221556	26.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.88	232	47006m	26.35	ng		
59) Diethylphthalate	10.96	149	194413	24.33	ng		95
60) 4-Chlorophenyl-phenylether	11.10	204	99626	26.88	ng		92
61) 4-Nitroaniline	11.11	138	38376	22.80	ng		83
62) Azobenzene	11.26	77	202405	26.18	ng		98
64) 4,6-Dinitro-2-methylphenol	11.14	198	11713	22.15	ng	#	74
65) n-Nitrosodiphenylamine	11.21	169	186680	27.34	ng		99
66) 4-Bromophenyl-phenylether	11.60	248	57696	25.24	ng		93
67) Hexachlorobenzene	11.69	284	68860	26.91	ng	#	89
68) Atrazine	11.74	200	61866	27.72	ng		98
69) Pentachlorophenol	11.88	266	24721	20.54	ng		98
70) Phenanthrene	12.12	178	329581	26.40	ng		98
71) Anthracene	12.18	178	314337	25.38	ng		99
72) Carbazole	12.33	167	303490	26.32	ng		99
73) Di-n-butylphthalate	12.67	149	361512	26.38	ng	#	80
74) Fluoranthene	13.46	202	357904	26.22	ng		94
76) Benzidine	13.58	184	186951	27.14	ng		98
77) Pyrene	13.74	202	374136	26.00	ng		98
79) Butylbenzylphthalate	14.48	149	142453	25.70	ng		93
80) Benzo(a)anthracene	15.27	228	361962	25.63	ng		98
81) 3,3'-Dichlorobenzidine	15.20	252	124425	25.71	ng	#	98
82) Chrysene	15.31	228	335667	25.37	ng		98
83) Bis(2-ethylhexyl)phthalate	15.23	149	232634	26.82	ng	#	96
84) Di-n-octyl phthalate	16.13	149	414552	28.22	ng		97
85) Indeno(1,2,3-cd)pyrene	19.37	276	376423	25.21	ng		99
87) Benzo(b)fluoranthene	16.75	252	337785	23.74	ng		99
88) Benzo(k)fluoranthene	16.79	252	349916	25.67	ng		98
89) Benzo(a)pyrene	17.26	252	317328	24.36	ng		98
90) Dibenzo(a,h)anthracene	19.41	278	304341	25.23	ng		99
91) Benzo(g,h,i)perylene	19.98	276	314997	25.54	ng		99

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

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