Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
Data File : BF078788.D
Acq On : 28 Apr 2015 21:52
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
apatel
4/29/2015 3:53:14 PM

Quant Time: Apr 29 03:37:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 03:08:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	81762	20.00	ng		0.00
21) Naphthalene-d8	8.97	136	336545	20.00	ng		0.00
38) Acenaphthene-d10	11.14	164	157404	20.00	ng		0.00
63) Phenanthrene-d10	12.99	188	297695	20.00	ng		0.00
75) Chrysene-d12	16.29	240	290279	20.00	ng		-0.02
86) Perylene-d12	18.03	264	276932	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	96455	20.71	ng		0.00
7) Phenol-d6	6.92	99	127455	21.90	ng		-0.01
23) Nitrobenzene-d5	8.08	82	96075	18.80	ng		0.00
41) 2,4,6-Tribromophenol	12.13	330	26049	17.34	ng		0.00
44) 2-Fluorobiphenyl	10.31	172	253504	23.34	ng		-0.01
78) Terphenyl-d14	14.99	244	283186	24.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	21080	9.88	ng	#	12
3) Pyridine	3.19	79	60147	10.55	ng	#	87
4) n-Nitrosodimethylamine	3.08	42	30836m	12.42	ng		
6) Aniline	6.97	93	92467	11.05	ng	#	91
8) 2-Chlorophenol	7.12	128	55049	9.94	ng		93
9) Benzaldehyde	6.84	77	46258	17.51	ng		96
10) Phenol	6.95	94	75373	10.86	ng		92
11) bis(2-Chloroethyl)ether	7.07	93	59136	11.51	ng		99
12) 1,3-Dichlorobenzene	7.31	146	67568	10.96	ng		95
13) 1,4-Dichlorobenzene	7.42	146	66969	10.46	ng		97
14) 1,2-Dichlorobenzene	7.60	146	61779	10.47	ng		97
15) Benzyl Alcohol	7.56	79	47540	10.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.75	45	89761	12.64	ng		99
17) 2-Methylphenol	7.70	107	43427	9.66	ng		97
18) Hexachloroethane	8.02	117	22181	10.49	ng		98
19) n-Nitroso-di-n-propylamine	7.90	70	44356	10.97	ng		93
20) 3+4-Methylphenols	7.88	107	57299	9.67	ng	#	77
22) Acetophenone	7.90	105	81416	10.85	ng	#	96
24) Nitrobenzene	8.10	77	53796	9.74	ng		98
25) Isophorone	8.40	82	114864	11.05	ng		99
26) 2-Nitrophenol	8.49	139	9502	3.81	ng	#	66
27) 2,4-Dimethylphenol	8.55	122	49795	10.17	ng		99
28) bis(2-Chloroethoxy)methane	8.67	93	70796	11.21	ng		96
29) 2,4-Dichlorophenol	8.79	162	41787	9.02	ng		97
30) 1,2,4-Trichlorobenzene	8.90	180	49842	9.68	ng		97
31) Naphthalene	8.99	128	182251	10.69	ng		98
32) Benzoic acid	8.60	122	11683	5.17	ng	#	85
33) 4-Chloroaniline	9.06	127	77061	11.09	ng		97
34) Hexachlorobutadiene	9.15	225	28668	9.79	ng		99
35) Caprolactam	9.46	113	11588	8.51	ng		92
36) 4-Chloro-3-methylphenol	9.66	107	43526	9.24	ng		91
37) 2-Methylnaphthalene	9.85	142	117573	10.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.06	216	49042	10.55	ng	#	100
40) Hexachlorocyclopentadiene	10.04	237	18512	9.43	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.20	196	23153	7.36	ng		97
43) 2,4,5-Trichlorophenol	10.24	196	26427	7.70	ng	#	93
45) 1,1'-Biphenyl	10.43	154	142008	11.33	ng		99
46) 2-Chloronaphthalene	10.46	162	112022	11.01	ng		98
47) 2-Nitroaniline	10.58	65	16405	6.62	ng		93
48) Acenaphthylene	10.97	152	179350	10.58	ng		99
49) Dimethylphthalate	10.82	163	116574	9.96	ng		98
50) 2,6-Dinitrotoluene	10.89	165	13483	5.75	ng		92
51) Acenaphthene	11.19	154	101633	10.49	ng		98
52) 3-Nitroaniline	11.09	138	19116	6.94	ng	#	74
53) 2,4-Dinitrophenol	11.22	184	1671	2.58	ng		94
54) Dibenzofuran	11.41	168	153157	10.65	ng		97
55) 4-Nitrophenol	11.28	139	10921	5.48	ng	#	59
56) 2,4-Dinitrotoluene	11.38	165	13423	4.45	ng		94
57) Fluorene	11.83	166	120457	10.13	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.55	232	19523	7.41	ng	#	100
59) Diethylphthalate	11.69	149	116964	10.22	ng		95
60) 4-Chlorophenyl-phenylether	11.84	204	53119	9.84	ng		95
61) 4-Nitroaniline	11.84	138	18109	6.55	ng	#	71
62) Azobenzene	12.03	77	123423	11.40	ng		95
64) 4,6-Dinitro-2-methylphenol	11.89	198	3052	2.93	ng		89
65) n-Nitrosodiphenylamine	11.98	169	105737	10.80	ng		100
66) 4-Bromophenyl-phenylether	12.45	248	32856	10.46	ng		96
67) Hexachlorobenzene	12.50	284	39564	11.46	ng	#	90
68) Atrazine	12.65	200	25963	9.46	ng		96
69) Pentachlorophenol	12.74	266	9981	6.59	ng		94
70) Phenanthrene	13.02	178	175701	10.39	ng		99
71) Anthracene	13.09	178	176973	10.57	ng		98
72) Carbazole	13.29	167	165441	10.36	ng		98
73) Di-n-butylphthalate	13.74	149	159793	8.93	ng		99
74) Fluoranthene	14.50	202	177883	9.73	ng		96
76) Benzidine	14.67	184	80989	10.05	ng		97
77) Pyrene	14.79	202	186180	10.47	ng		98
79) Butylbenzylphthalate	15.61	149	50945	7.19	ng	#	84
80) Benzo(a)anthracene	16.27	228	168834	9.91	ng		98
81) 3,3'-Dichlorobenzidine	16.25	252	48463	8.57	ng	#	93
82) Chrysene	16.32	228	175837	11.45	ng		97
83) Bis(2-ethylhexyl)phthalate	16.33	149	88612	8.12	ng	#	95
84) Di-n-octyl phthalate	17.12	149	98533	5.38	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.55	276	173788	9.06	ng	#	100
87) Benzo(b)fluoranthene	17.58	252	152384	8.58	ng	#	95
88) Benzo(k)fluoranthene	17.61	252	168361m	11.80	ng		
89) Benzo(a)pyrene	17.97	252	140849	9.43	ng		98
90) Dibenzo(a,h)anthracene	19.58	278	137794	9.21	ng		97
91) Benzo(g,h,i)perylene	20.00	276	148456	9.80	ng		99

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

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