Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080560.D
Acq On : 22 Jul 2015 16:45
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
apatel
7/23/2015 11:50:23 AM

Quant Time: Jul 23 04:41:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 04:11:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	38497	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	148247	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	65119	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	105506	20.00	ng		0.00
75) Chrysene-d12	14.29	240	75810	20.00	ng		-0.02
86) Perylene-d12	15.97	264	51685	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	108464	44.59	ng		0.00
7) Phenol-d6	6.57	99	130312	46.56	ng		0.00
23) Nitrobenzene-d5	7.52	82	111073	47.31	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	20683	37.03	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	219939	47.58	ng		0.00
78) Terphenyl-d14	13.12	244	194060	55.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	27877	26.63	ng	#	100
3) Pyridine	3.29	79	61796	27.92	ng		98
4) n-Nitrosodimethylamine	3.18	42	43455	30.88	ng	#	96
6) Aniline	6.61	93	98146	26.21	ng		97
8) 2-Chlorophenol	6.74	128	56078	21.95	ng		97
9) Benzaldehyde	6.50	77	54342	32.67	ng		97
10) Phenol	6.58	94	76873	23.46	ng		96
11) bis(2-Chloroethyl)ether	6.68	93	59444	23.98	ng		96
12) 1,3-Dichlorobenzene	6.90	146	73262	25.24	ng		99
13) 1,4-Dichlorobenzene	6.98	146	70650	22.40	ng		98
14) 1,2-Dichlorobenzene	7.13	146	68367	23.34	ng		97
15) Benzyl Alcohol	7.09	79	55965	29.61	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	121576	28.19	ng		100
17) 2-Methylphenol	7.20	107	48463	24.35	ng		97
18) Hexachloroethane	7.48	117	24919	24.12	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	40249	23.85	ng		99
20) 3+4-Methylphenols	7.36	107	61282	21.95	ng		97
22) Acetophenone	7.37	105	82046	25.13	ng		98
24) Nitrobenzene	7.54	77	55962	20.98	ng		98
25) Isophorone	7.78	82	118312	25.84	ng		98
26) 2-Nitrophenol	7.86	139	12611	10.42	ng		93
27) 2,4-Dimethylphenol	7.89	122	49506	22.63	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	64750	25.75	ng		99
29) 2,4-Dichlorophenol	8.10	162	40444	21.86	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	56681	23.66	ng		96
31) Naphthalene	8.27	128	179012	24.29	ng		100
32) Benzoic acid	7.94	122	10659m	11.26	ng		
33) 4-Chloroaniline	8.32	127	70262	24.12	ng		96
34) Hexachlorobutadiene	8.40	225	33463	29.26	ng		97
35) Caprolactam	8.64	113	10855	23.52	ng	#	77
36) 4-Chloro-3-methylphenol	8.78	107	48818	25.08	ng		99
37) 2-Methylnaphthalene	8.96	142	100585	22.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	54289	26.01	ng		99
40) Hexachlorocyclopentadiene	9.12	237	23178	23.85	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	26432	22.69	ng		91
43) 2,4,5-Trichlorophenol	9.26	196	28361	22.10	ng		96
45) 1,1'-Biphenyl	9.42	154	131921	24.25	ng		98
46) 2-Chloronaphthalene	9.45	162	102143	25.43	ng		95
47) 2-Nitroaniline	9.54	65	18881	19.88	ng		96
48) Acenaphthylene	9.87	152	149681	22.69	ng		99
49) Dimethylphthalate	9.72	163	111319	25.28	ng		98
50) 2,6-Dinitrotoluene	9.78	165	15824	18.93	ng		96
51) Acenaphthene	10.04	154	89328	22.24	ng		94
52) 3-Nitroaniline	9.95	138	14933	16.16	ng	#	95
53) 2,4-Dinitrophenol	10.05	184	2302	6.98	ng		91
54) Dibenzofuran	10.21	168	130378	23.07	ng		99
55) 4-Nitrophenol	10.09	139	10796	15.61	ng		96
56) 2,4-Dinitrotoluene	10.18	165	16064	14.69	ng	#	97
57) Fluorene	10.56	166	105194	23.52	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	20566	23.27	ng	#	99
59) Diethylphthalate	10.42	149	101400	24.58	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	45024	22.65	ng		95
61) 4-Nitroaniline	10.56	138	15737	17.42	ng		93
62) Azobenzene	10.70	77	113647	26.75	ng		99
64) 4,6-Dinitro-2-methylphenol	10.59	198	3244	6.98	ng		94
65) n-Nitrosodiphenylamine	10.66	169	92518	26.64	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	25377	25.79	ng		92
67) Hexachlorobenzene	11.10	284	29132	24.92	ng		97
68) Atrazine	11.18	200	25439	29.60	ng		94
69) Pentachlorophenol	11.29	266	10682	22.27	ng		89
70) Phenanthrene	11.52	178	150584	25.96	ng		97
71) Anthracene	11.57	178	138286	24.50	ng		98
72) Carbazole	11.72	167	127508	25.16	ng		98
73) Di-n-butylphthalate	12.06	149	145556	27.22	ng		99
74) Fluoranthene	12.73	202	136710	25.31	ng		95
76) Benzidine	12.85	184	67141	31.71	ng		100
77) Pyrene	12.97	202	134037	26.77	ng		99
79) Butylbenzylphthalate	13.65	149	34160	22.28	ng		90
80) Benzo(a)anthracene	14.28	228	107525	25.17	ng		97
81) 3,3'-Dichlorobenzidine	14.25	252	30128	22.48	ng		97
82) Chrysene	14.33	228	112470	26.08	ng		98
83) Bis(2-ethylhexyl)phthalate	14.31	149	60489	25.42	ng		98
84) Di-n-octyl phthalate	15.06	149	73245	21.86	ng		98
85) Indeno(1,2,3-cd)pyrene	17.49	276	71825	17.12	ng		100
87) Benzo(b)fluoranthene	15.53	252	78851	24.34	ng		99
88) Benzo(k)fluoranthene	15.56	252	82961m	29.54	ng		
89) Benzo(a)pyrene	15.91	252	70433	25.60	ng		96
90) Dibenzo(a,h)anthracene	17.53	278	58206	21.95	ng		97
91) Benzo(g,h,i)perylene	17.95	276	58404	21.81	ng		97

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

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