Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082251.D
Acq On : 13 Oct 2015 9:25
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:25:33 PM

Quant Time: Oct 13 10:57:39 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76924	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	314038	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	146547	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	301960	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	277875	20.00	ng		0.00
86) Perylene-d12	15.44	264	224055	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	294297	77.21	ng		-0.01
7) Phenol-d6	6.47	99	390448	78.72	ng		-0.01
23) Nitrobenzene-d5	7.41	82	360951	77.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	119469	86.93	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	708538	80.18	ng		-0.01
78) Terphenyl-d14	12.95	244	735125	70.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	75470	39.41	ng		94
3) Pyridine	3.10	79	186545	41.88	ng		98
4) n-Nitrosodimethylamine	3.06	42	73896	39.12	ng		94
6) Aniline	6.49	93	258778	40.47	ng	#	72
8) 2-Chlorophenol	6.62	128	186817	40.15	ng		91
9) Benzaldehyde	6.38	77	102787	40.58	ng		93
10) Phenol	6.48	94	204587	35.78	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	180292	37.28	ng		95
12) 1,3-Dichlorobenzene	6.78	146	204397m	37.72	ng		
13) 1,4-Dichlorobenzene	6.85	146	212942	37.63	ng		95
14) 1,2-Dichlorobenzene	7.01	146	210448	39.16	ng		92
15) Benzyl Alcohol	6.98	79	146793	42.87	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	254973	37.86	ng		98
17) 2-Methylphenol	7.10	107	147788	40.17	ng		98
18) Hexachloroethane	7.35	117	72005	37.17	ng	#	74
19) n-Nitroso-di-n-propylamine	7.26	70	134524	38.62	ng		95
20) 3+4-Methylphenols	7.26	107	178783	40.78	ng	#	87
22) Acetophenone	7.25	105	235083	37.84	ng		98
24) Nitrobenzene	7.43	77	201073	39.72	ng	#	86
25) Isophorone	7.67	82	350919	37.18	ng	#	92
26) 2-Nitrophenol	7.74	139	97796	38.69	ng	#	83
27) 2,4-Dimethylphenol	7.78	122	168751	41.44	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	203928	37.13	ng		98
29) 2,4-Dichlorophenol	7.99	162	155735	38.26	ng		94
30) 1,2,4-Trichlorobenzene	8.07	180	174982	37.29	ng		97
31) Naphthalene	8.15	128	521915	38.34	ng		99
32) Benzoic acid	7.91	122	97263	35.59	ng		97
33) 4-Chloroaniline	8.19	127	215975	38.20	ng	#	94
34) Hexachlorobutadiene	8.25	225	103659	35.46	ng		98
35) Caprolactam	8.58	113	48550	41.10	ng		91
36) 4-Chloro-3-methylphenol	8.69	107	165332	41.53	ng		91
37) 2-Methylnaphthalene	8.83	142	359520	38.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	175312	40.22	ng		97
40) Hexachlorocyclopentadiene	8.98	237	54245	30.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	119589	41.31	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	126145	40.22	ng	#	87
45) 1,1'-Biphenyl	9.30	154	461875	41.33	ng		96
46) 2-Chloronaphthalene	9.33	162	361267	41.07	ng		95
47) 2-Nitroaniline	9.43	65	107852	44.66	ng		88
48) Acenaphthylene	9.74	152	532091	38.83	ng		99
49) Dimethylphthalate	9.61	163	420394	40.74	ng	#	98
50) 2,6-Dinitrotoluene	9.67	165	86396	39.68	ng	#	74
51) Acenaphthene	9.91	154	305988	37.19	ng		99
52) 3-Nitroaniline	9.84	138	105802	43.02	ng		86
53) 2,4-Dinitrophenol	9.95	184	31095	29.91	ng	#	89
54) Dibenzofuran	10.08	168	443655	39.28	ng		97
55) 4-Nitrophenol	10.01	139	57697	41.82	ng		94
56) 2,4-Dinitrotoluene	10.08	165	119302	43.84	ng		90
57) Fluorene	10.42	166	366228	39.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110418	43.09	ng		94
59) Diethylphthalate	10.31	149	400474	41.63	ng		96
60) 4-Chlorophenyl-phenylether	10.42	204	181976	42.82	ng	#	84
61) 4-Nitroaniline	10.46	138	107090	44.89	ng		95
62) Azobenzene	10.58	77	392944	41.74	ng		89
64) 4,6-Dinitro-2-methylphenol	10.48	198	55055	32.49	ng	#	63
65) n-Nitrosodiphenylamine	10.54	169	336431	37.21	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	113671	37.61	ng	#	84
67) Hexachlorobenzene	10.97	284	123451	37.77	ng	#	78
68) Atrazine	11.07	200	123189	43.01	ng		96
69) Pentachlorophenol	11.17	266	63825	37.95	ng		94
70) Phenanthrene	11.39	178	589125	39.80	ng		99
71) Anthracene	11.44	178	607317	39.82	ng		100
72) Carbazole	11.60	167	555541	39.93	ng		99
73) Di-n-butylphthalate	11.93	149	653469	38.07	ng	#	98
74) Fluoranthene	12.58	202	627173	39.45	ng		96
76) Benzidine	12.71	184	297519	36.95	ng		99
77) Pyrene	12.81	202	668572	40.54	ng		98
79) Butylbenzylphthalate	13.43	149	296258	39.37	ng		90
80) Benzo(a)anthracene	14.00	228	551453	38.14	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	208003	37.90	ng	#	99
82) Chrysene	14.04	228	567094	37.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	371035	34.56	ng	#	98
84) Di-n-octyl phthalate	14.60	149	597782	32.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.86	276	509863	42.11	ng		100
87) Benzo(b)fluoranthene	15.03	252	449416	32.97	ng		98
88) Benzo(k)fluoranthene	15.06	252	481614m	42.03	ng		
89) Benzo(a)pyrene	15.38	252	436354	37.25	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	419239	43.67	ng		98
91) Benzo(g,h,i)perylene	17.28	276	423387	45.40	ng		100

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

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