Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082166.D
Acq On : 10 Oct 2015 9:56
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:30:24 PM

Quant Time: Oct 12 00:48:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106749	20.00	ng		-0.03
21) Naphthalene-d8	8.13	136	423759	20.00	ng		-0.03
38) Acenaphthene-d10	9.89	164	213693	20.00	ng		-0.03
63) Phenanthrene-d10	11.37	188	400633	20.00	ng		-0.03
75) Chrysene-d12	14.01	240	352640	20.00	ng		-0.05
86) Perylene-d12	15.44	264	301968	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	419731	71.38	ng		-0.03
7) Phenol-d6	6.48	99	548426	74.12	ng		-0.02
23) Nitrobenzene-d5	7.42	82	517482	81.40	ng		-0.03
41) 2,4,6-Tribromophenol	10.67	330	147992	68.38	ng		-0.05
44) 2-Fluorobiphenyl	9.21	172	1054461	82.01	ng		-0.03
78) Terphenyl-d14	12.96	244	1029104	98.54	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	99495	38.91	ng		87
3) Pyridine	3.14	79	267066	40.11	ng		89
4) n-Nitrosodimethylamine	3.11	42	106229	35.13	ng		98
6) Aniline	6.50	93	359666	36.18	ng	#	85
8) 2-Chlorophenol	6.63	128	250169	38.52	ng		97
9) Benzaldehyde	6.39	77	148592	30.66	ng	#	84
10) Phenol	6.49	94	319287	38.47	ng	#	56
11) bis(2-Chloroethyl)ether	6.58	93	255622	39.71	ng		95
12) 1,3-Dichlorobenzene	6.78	146	286802m	37.39	ng		
13) 1,4-Dichlorobenzene	6.86	146	304207m	37.98	ng		
14) 1,2-Dichlorobenzene	7.02	146	266902	37.40	ng		98
15) Benzyl Alcohol	6.99	79	195724	36.64	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.12	45	349075	38.36	ng		82
17) 2-Methylphenol	7.10	107	199875	37.96	ng	#	83
18) Hexachloroethane	7.35	117	100065	39.91	ng	#	86
19) n-Nitroso-di-n-propylamine	7.27	70	188512	41.92	ng	#	75
20) 3+4-Methylphenols	7.26	107	226438	34.05	ng	#	56
22) Acetophenone	7.26	105	321752	37.14	ng	#	75
24) Nitrobenzene	7.43	77	247688	35.88	ng	#	66
25) Isophorone	7.67	82	486934	38.65	ng	#	89
26) 2-Nitrophenol	7.75	139	147540	44.53	ng	#	73
27) 2,4-Dimethylphenol	7.78	122	215102	36.90	ng	#	79
28) bis(2-Chloroethoxy)methane	7.89	93	313146	41.85	ng	#	94
29) 2,4-Dichlorophenol	7.99	162	226516	40.08	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	246538	39.07	ng		97
31) Naphthalene	8.15	128	679629	36.19	ng		97
32) Benzoic acid	7.92	122	149317	43.62	ng	#	66
33) 4-Chloroaniline	8.21	127	313522	38.61	ng	#	91
34) Hexachlorobutadiene	8.26	225	153253	41.07	ng		99
35) Caprolactam	8.59	113	65374	41.78	ng		91
36) 4-Chloro-3-methylphenol	8.69	107	213584	38.65	ng	#	78
37) 2-Methylnaphthalene	8.85	142	516709	40.31	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	239221	36.46	ng		98
40) Hexachlorocyclopentadiene	8.99	237	108071	31.99	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	160525	35.69	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	184948	39.99	ng		97
45) 1,1'-Biphenyl	9.31	154	607145	36.83	ng		94
46) 2-Chloronaphthalene	9.34	162	499030	38.55	ng		97
47) 2-Nitroaniline	9.44	65	141553	37.25	ng		97
48) Acenaphthylene	9.75	152	767732	37.06	ng		96
49) Dimethylphthalate	9.61	163	533861	36.19	ng	#	97
50) 2,6-Dinitrotoluene	9.68	165	130022	40.60	ng	#	80
51) Acenaphthene	9.92	154	474696	38.58	ng		89
52) 3-Nitroaniline	9.85	138	144667	39.05	ng	#	80
53) 2,4-Dinitrophenol	9.95	184	64817	53.78	ng	#	67
54) Dibenzofuran	10.09	168	629501	36.20	ng	#	88
55) 4-Nitrophenol	10.01	139	87265	32.60	ng	#	59
56) 2,4-Dinitrotoluene	10.08	165	155481	38.09	ng	#	76
57) Fluorene	10.43	166	520588	41.71	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.21	232	141889	38.67	ng		95
59) Diethylphthalate	10.31	149	544769	39.54	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	233093	36.62	ng	#	83
61) 4-Nitroaniline	10.47	138	144832	38.99	ng	#	57
62) Azobenzene	10.58	77	502748	37.39	ng		88
64) 4,6-Dinitro-2-methylphenol	10.49	198	98151	52.75	ng	#	75
65) n-Nitrosodiphenylamine	10.55	169	458105	37.79	ng		91
66) 4-Bromophenyl-phenylether	10.91	248	148951	36.87	ng		93
67) Hexachlorobenzene	10.98	284	174035	38.17	ng	#	78
68) Atrazine	11.07	200	135098	35.92	ng		83
69) Pentachlorophenol	11.18	266	100716	38.77	ng		99
70) Phenanthrene	11.39	178	736138	37.92	ng		96
71) Anthracene	11.45	178	827270	40.63	ng		98
72) Carbazole	11.61	167	698495	37.90	ng		97
73) Di-n-butylphthalate	11.93	149	857989	45.73	ng	#	98
74) Fluoranthene	12.58	202	792166	36.91	ng		90
76) Benzidine	12.71	184	410867	38.67	ng		98
77) Pyrene	12.81	202	786887	37.35	ng		96
79) Butylbenzylphthalate	13.43	149	368890	46.53	ng	#	87
80) Benzo(a)anthracene	14.00	228	720327	37.93	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	272354	42.47	ng	#	94
82) Chrysene	14.05	228	702892	40.26	ng		95
83) Bis(2-ethylhexyl)phthalate	13.99	149	542836	54.59	ng	#	94
84) Di-n-octyl phthalate	14.60	149	903286	55.82	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.86	276	605370	40.75	ng	#	88
87) Benzo(b)fluoranthene	15.03	252	717096	41.59	ng	#	88
88) Benzo(k)fluoranthene	15.06	252	518695m	32.83	ng		
89) Benzo(a)pyrene	15.38	252	586126	39.19	ng	#	87
90) Dibenzo(a,h)anthracene	16.88	278	499865	39.84	ng	#	78
91) Benzo(g,h,i)perylene	17.29	276	480934	37.40	ng	#	73

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

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