Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082215.D
Acq On : 11 Oct 2015 10:38
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:40:01 PM

Quant Time: Oct 12 04:56:39 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 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122912m	20.00	ng		0.01
21) Naphthalene-d8	8.13	136	458599	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	199595	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	328944	20.00	ng		0.00
75) Chrysene-d12	14.01	240	286326	20.00	ng		0.00
86) Perylene-d12	15.45	264	260356	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	484621	79.58	ng		0.00
7) Phenol-d6	6.48	99	612775	77.32	ng		0.00
23) Nitrobenzene-d5	7.42	82	530228	77.64	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	124624	66.58	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1036620	86.13	ng		0.00
78) Terphenyl-d14	12.96	244	831231	76.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	117125	38.28	ng		99
3) Pyridine	3.14	79	318544	44.76	ng		98
4) n-Nitrosodimethylamine	3.11	42	127789	42.34	ng		98
6) Aniline	6.50	93	407795m	39.91	ng		
8) 2-Chlorophenol	6.63	128	292569	39.35	ng		92
9) Benzaldehyde	6.39	77	170122	42.03	ng		97
10) Phenol	6.50	94	325984m	35.68	ng		
11) bis(2-Chloroethyl)ether	6.58	93	279284	36.14	ng		94
12) 1,3-Dichlorobenzene	6.78	146	322934m	37.30	ng		
13) 1,4-Dichlorobenzene	6.86	146	330647m	36.57	ng		
14) 1,2-Dichlorobenzene	7.02	146	326367	38.01	ng	#	93
15) Benzyl Alcohol	6.99	79	221702	40.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	389215	36.17	ng		95
17) 2-Methylphenol	7.11	107	227972	38.78	ng		99
18) Hexachloroethane	7.35	117	101260	32.72	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	71568	12.86	ng	#	79
20) 3+4-Methylphenols	7.27	107	261846	37.38	ng	#	83
22) Acetophenone	7.26	105	346762	38.22	ng		99
24) Nitrobenzene	7.44	77	304997	41.26	ng	#	83
25) Isophorone	7.67	82	524409	38.05	ng		99
26) 2-Nitrophenol	7.75	139	140067	37.95	ng		94
27) 2,4-Dimethylphenol	7.79	122	251934	42.37	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	334425	41.70	ng		99
29) 2,4-Dichlorophenol	7.99	162	225372	37.91	ng		93
30) 1,2,4-Trichlorobenzene	8.07	180	255303	37.26	ng		98
31) Naphthalene	8.15	128	726746	36.56	ng		100
32) Benzoic acid	7.92	122	103168	25.85	ng		97
33) 4-Chloroaniline	8.21	127	313112	37.93	ng		97
34) Hexachlorobutadiene	8.26	225	164612	38.56	ng		96
35) Caprolactam	8.59	113	61419	35.60	ng	#	76
36) 4-Chloro-3-methylphenol	8.70	107	227809	39.19	ng	#	84
37) 2-Methylnaphthalene	8.85	142	535889	38.88	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	240664	40.54	ng		97
40) Hexachlorocyclopentadiene	8.99	237	28254	16.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	158224	40.13	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	171407	40.13	ng	#	93
45) 1,1'-Biphenyl	9.31	154	637627	41.89	ng		95
46) 2-Chloronaphthalene	9.34	162	493981	41.23	ng		97
47) 2-Nitroaniline	9.44	65	150755	45.83	ng	#	69
48) Acenaphthylene	9.75	152	719693	38.56	ng		99
49) Dimethylphthalate	9.61	163	557202	39.64	ng		100
50) 2,6-Dinitrotoluene	9.68	165	115514	38.95	ng	#	84
51) Acenaphthene	9.92	154	410961	36.68	ng		98
52) 3-Nitroaniline	9.85	138	143208	42.75	ng		90
53) 2,4-Dinitrophenol	9.95	184	6833	10.19	ng	#	41
54) Dibenzofuran	10.09	168	591729	38.46	ng		99
55) 4-Nitrophenol	10.01	139	68038	37.19	ng		89
56) 2,4-Dinitrotoluene	10.08	165	134001	36.15	ng		93
57) Fluorene	10.43	166	467859	37.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	126140	36.14	ng		93
59) Diethylphthalate	10.31	149	521526	39.81	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	224073	38.72	ng		99
61) 4-Nitroaniline	10.47	138	138331	42.57	ng		96
62) Azobenzene	10.58	77	466967	36.42	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	15102	8.18	ng		97
65) n-Nitrosodiphenylamine	10.55	169	432015	43.86	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	136252	41.39	ng		97
67) Hexachlorobenzene	10.98	284	149518	42.00	ng		95
68) Atrazine	11.07	200	110123	35.29	ng		99
69) Pentachlorophenol	11.18	266	72948	39.82	ng		97
70) Phenanthrene	11.39	178	614360	38.10	ng		100
71) Anthracene	11.45	178	690807	41.58	ng		100
72) Carbazole	11.61	167	579255	38.22	ng	#	97
73) Di-n-butylphthalate	11.93	149	765853	40.96	ng		100
74) Fluoranthene	12.58	202	630886	36.43	ng		99
76) Benzidine	12.71	184	316145	38.10	ng		99
77) Pyrene	12.81	202	628092	36.96	ng		100
79) Butylbenzylphthalate	13.43	149	293184	37.81	ng		99
80) Benzo(a)anthracene	14.00	228	595922	40.00	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	229947	40.66	ng		99
82) Chrysene	14.04	228	593900	37.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	439991	39.77	ng		99
84) Di-n-octyl phthalate	14.61	149	735521	38.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.87	276	512236	41.06	ng		99
87) Benzo(b)fluoranthene	15.04	252	601275	37.96	ng	#	96
88) Benzo(k)fluoranthene	15.06	252	490571m	36.85	ng		
89) Benzo(a)pyrene	15.40	252	521482	38.31	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	426444	38.23	ng		97
91) Benzo(g,h,i)perylene	17.29	276	398309	36.75	ng		98

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

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