Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081216.D
Acq On : 26 Aug 2015 17:00
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:05 PM

Quant Time: Aug 27 00:54:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	64442	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	254943	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	110878	20.00	ng		0.00
63) Phenanthrene-d10	11.02	188	216511	20.00	ng		0.00
75) Chrysene-d12	13.64	240	181259	20.00	ng		0.00
86) Perylene-d12	14.96	264	137939	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	329130	76.82	ng		0.00
7) Phenol-d6	6.17	99	456199	81.61	ng		0.00
23) Nitrobenzene-d5	7.10	82	425810	76.30	ng		0.00
41) 2,4,6-Tribromophenol	10.33	330	71715	74.61	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	705878	83.42	ng		0.00
78) Terphenyl-d14	12.61	244	667092	78.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	97549	48.32	ng	#	79
3) Pyridine	2.51	79	213265	37.42	ng	#	81
4) n-Nitrosodimethylamine	2.48	42	138268	43.58	ng	#	79
6) Aniline	6.18	93	304689	37.49	ng	#	60
8) 2-Chlorophenol	6.31	128	188107	40.11	ng	#	79
9) Benzaldehyde	6.06	77	142814	39.63	ng		99
10) Phenol	6.19	94	282807	42.84	ng	#	75
11) bis(2-Chloroethyl)ether	6.27	93	213887	42.22	ng		98
12) 1,3-Dichlorobenzene	6.46	146	203806	40.45	ng		95
13) 1,4-Dichlorobenzene	6.54	146	204348	40.96	ng		96
14) 1,2-Dichlorobenzene	6.69	146	168575	36.10	ng		98
15) Benzyl Alcohol	6.69	79	181555	40.14	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.82	45	397099	39.89	ng		98
17) 2-Methylphenol	6.80	107	152565	37.92	ng		96
18) Hexachloroethane	7.03	117	81825	40.59	ng		95
19) n-Nitroso-di-n-propylamine	6.96	70	145310	37.52	ng		89
20) 3+4-Methylphenols	6.96	107	185913	36.40	ng	#	47
22) Acetophenone	6.95	105	278792	41.65	ng	#	85
24) Nitrobenzene	7.12	77	240784	41.26	ng	#	89
25) Isophorone	7.36	82	404585	38.87	ng		98
26) 2-Nitrophenol	7.43	139	96565	39.79	ng	#	84
27) 2,4-Dimethylphenol	7.49	122	165641	38.58	ng		95
28) bis(2-Chloroethoxy)methane	7.58	93	223874	36.41	ng		100
29) 2,4-Dichlorophenol	7.68	162	147161	40.72	ng		96
30) 1,2,4-Trichlorobenzene	7.75	180	151192	37.64	ng		97
31) Naphthalene	7.83	128	548351	38.59	ng		99
32) Benzoic acid	7.63	122	103613	42.91	ng		94
33) 4-Chloroaniline	7.89	127	201777	33.65	ng		97
34) Hexachlorobutadiene	7.95	225	95670	42.11	ng		98
35) Caprolactam	8.29	113	52242	41.36	ng	#	61
36) 4-Chloro-3-methylphenol	8.39	107	183160	42.52	ng		88
37) 2-Methylnaphthalene	8.51	142	315361	35.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	151670	42.40	ng		99
40) Hexachlorocyclopentadiene	8.67	237	73150	39.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	97524	38.59	ng		99
43) 2,4,5-Trichlorophenol	8.85	196	107328	42.49	ng		99
45) 1,1'-Biphenyl	8.98	154	360656	36.93	ng		95
46) 2-Chloronaphthalene	9.01	162	327797	41.78	ng		96
47) 2-Nitroaniline	9.11	65	149382	46.52	ng		92
48) Acenaphthylene	9.42	152	562629	40.09	ng		99
49) Dimethylphthalate	9.30	163	371922	40.73	ng		100
50) 2,6-Dinitrotoluene	9.36	165	83136	42.40	ng	#	77
51) Acenaphthene	9.59	154	326361	38.84	ng		98
52) 3-Nitroaniline	9.52	138	95010	38.73	ng		98
53) 2,4-Dinitrophenol	9.62	184	35301	37.56	ng	#	80
54) Dibenzofuran	9.76	168	427396	37.96	ng		98
55) 4-Nitrophenol	9.69	139	61450	35.66	ng		86
56) 2,4-Dinitrotoluene	9.75	165	97720	37.61	ng	#	45
57) Fluorene	10.09	166	302301	34.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	74996	38.36	ng		94
59) Diethylphthalate	9.99	149	347750	35.98	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	131653	35.92	ng		97
61) 4-Nitroaniline	10.13	138	94712	37.77	ng		94
62) Azobenzene	10.25	77	451457	40.54	ng		96
64) 4,6-Dinitro-2-methylphenol	10.16	198	52688	40.75	ng	#	72
65) n-Nitrosodiphenylamine	10.22	169	305072	39.47	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	87033	40.92	ng		98
67) Hexachlorobenzene	10.64	284	94260	43.76	ng	#	89
68) Atrazine	10.75	200	89377	41.51	ng		97
69) Pentachlorophenol	10.83	266	51402	39.77	ng		99
70) Phenanthrene	11.04	178	438111	34.14	ng		99
71) Anthracene	11.10	178	538419	43.12	ng		99
72) Carbazole	11.26	167	513093	42.68	ng		99
73) Di-n-butylphthalate	11.60	149	545234	37.48	ng		99
74) Fluoranthene	12.22	202	506905	36.61	ng		93
76) Benzidine	12.36	184	212583	31.05	ng		98
77) Pyrene	12.45	202	572107	38.83	ng		99
79) Butylbenzylphthalate	13.09	149	247813	39.13	ng		99
80) Benzo(a)anthracene	13.62	228	468421	38.53	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	163017	41.40	ng	#	96
82) Chrysene	13.66	228	336289	30.70	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	323313	39.85	ng		98
84) Di-n-octyl phthalate	14.25	149	517036	41.93	ng		99
85) Indeno(1,2,3-cd)pyrene	16.13	276	329593	42.85	ng	#	94
87) Benzo(b)fluoranthene	14.62	252	445908m	45.70	ng		
88) Benzo(k)fluoranthene	14.64	252	289481m	31.84	ng		
89) Benzo(a)pyrene	14.90	252	335429	39.45	ng	#	94
90) Dibenzo(a,h)anthracene	16.14	278	267691	40.41	ng	#	94
91) Benzo(g,h,i)perylene	16.47	276	267611	39.82	ng	#	89

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

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