Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079061.D
Acq On : 9 May 2015 3:47
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/12/2015 3:44:41 PM

Quant Time: May 09 04:29:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 09 04:13:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	73861	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	302172	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	149632	20.00	ng		0.00
63) Phenanthrene-d10	12.91	188	284958	20.00	ng		0.00
75) Chrysene-d12	16.22	240	260931	20.00	ng		0.00
86) Perylene-d12	17.93	264	260734	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	355104	82.76	ng		0.00
7) Phenol-d6	6.88	99	474283	83.62	ng		0.00
23) Nitrobenzene-d5	8.01	82	432191	82.20	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	138031	85.27	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	826063	76.91	ng		0.00
78) Terphenyl-d14	14.91	244	926817	85.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	71887	38.53	ng	#	19
3) Pyridine	3.02	79	215667	39.50	ng		99
4) n-Nitrosodimethylamine	2.94	42	97939m	41.87	ng		
6) Aniline	6.91	93	328506	41.03	ng		97
8) 2-Chlorophenol	7.05	128	201730	41.45	ng		98
9) Benzaldehyde	6.76	77	144452	37.81	ng		90
10) Phenol	6.89	94	255392	38.82	ng		96
11) bis(2-Chloroethyl)ether	7.00	93	188774	39.14	ng		98
12) 1,3-Dichlorobenzene	7.24	146	223450	40.85	ng		94
13) 1,4-Dichlorobenzene	7.35	146	221216	39.30	ng		97
14) 1,2-Dichlorobenzene	7.53	146	208705	39.82	ng		96
15) Benzyl Alcohol	7.50	79	163392	38.81	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.68	45	291146	39.45	ng		99
17) 2-Methylphenol	7.64	107	164798	42.08	ng		97
18) Hexachloroethane	7.94	117	77372	39.90	ng	#	86
19) n-Nitroso-di-n-propylamine	7.84	70	155111	40.49	ng	#	81
20) 3+4-Methylphenols	7.84	107	221318	42.41	ng	#	49
22) Acetophenone	7.83	105	286303	41.94	ng		97
24) Nitrobenzene	8.03	77	212982	40.87	ng		97
25) Isophorone	8.33	82	393903	40.41	ng		98
26) 2-Nitrophenol	8.43	139	99272	46.02	ng		94
27) 2,4-Dimethylphenol	8.49	122	190871	44.22	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	243244	40.48	ng		99
29) 2,4-Dichlorophenol	8.73	162	165626	43.15	ng		93
30) 1,2,4-Trichlorobenzene	8.83	180	169308	40.16	ng		99
31) Naphthalene	8.92	128	610144	42.38	ng		99
32) Benzoic acid	8.59	122	97393	37.60	ng		98
33) 4-Chloroaniline	8.99	127	255527	41.94	ng		98
34) Hexachlorobutadiene	9.07	225	91479	37.68	ng		97
35) Caprolactam	9.43	113	56144	45.24	ng		92
36) 4-Chloro-3-methylphenol	9.60	107	176223	43.71	ng		99
37) 2-Methylnaphthalene	9.78	142	415098	41.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	169310	40.18	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	67240	31.73	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	123608	42.66	ng		95
43) 2,4,5-Trichlorophenol	10.18	196	123394	42.13	ng	#	89
45) 1,1'-Biphenyl	10.36	154	489713	41.17	ng		98
46) 2-Chloronaphthalene	10.39	162	379952	40.95	ng		96
47) 2-Nitroaniline	10.51	65	111849	41.60	ng		96
48) Acenaphthylene	10.90	152	638996	41.94	ng		99
49) Dimethylphthalate	10.75	163	452435	41.20	ng		100
50) 2,6-Dinitrotoluene	10.82	165	88551	40.86	ng		97
51) Acenaphthene	11.12	154	351179	38.65	ng		99
52) 3-Nitroaniline	11.03	138	120640	44.56	ng	#	91
53) 2,4-Dinitrophenol	11.17	184	21651	37.40	ng	#	78
54) Dibenzofuran	11.33	168	517639	39.45	ng		97
55) 4-Nitrophenol	11.23	139	79959	37.32	ng	#	73
56) 2,4-Dinitrotoluene	11.33	165	123141	42.98	ng	#	71
57) Fluorene	11.76	166	440001	40.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	93197	38.94	ng	#	100
59) Diethylphthalate	11.63	149	441445	40.57	ng		98
60) 4-Chlorophenyl-phenylether	11.76	204	186225	38.97	ng		90
61) 4-Nitroaniline	11.78	138	113732	41.99	ng		93
62) Azobenzene	11.95	77	413884	38.61	ng		94
64) 4,6-Dinitro-2-methylphenol	11.83	198	44572	40.20	ng	#	61
65) n-Nitrosodiphenylamine	11.91	169	377600	39.79	ng		99
66) 4-Bromophenyl-phenylether	12.37	248	119550	40.25	ng	#	85
67) Hexachlorobenzene	12.43	284	138096	40.68	ng	#	82
68) Atrazine	12.58	200	112602	40.80	ng		99
69) Pentachlorophenol	12.69	266	55760	32.51	ng		99
70) Phenanthrene	12.95	178	614354	38.54	ng		100
71) Anthracene	13.02	178	632783	40.46	ng		99
72) Carbazole	13.22	167	596830	40.04	ng		98
73) Di-n-butylphthalate	13.67	149	732275	40.96	ng	#	97
74) Fluoranthene	14.43	202	658145	39.62	ng		92
76) Benzidine	14.61	184	363094	51.63	ng		99
77) Pyrene	14.71	202	660688	43.94	ng		99
79) Butylbenzylphthalate	15.53	149	303000	46.10	ng		93
80) Benzo(a)anthracene	16.21	228	597506	41.82	ng		98
81) 3,3'-Dichlorobenzidine	16.17	252	216090	42.46	ng	#	96
82) Chrysene	16.24	228	553158	40.25	ng		99
83) Bis(2-ethylhexyl)phthalate	16.25	149	455280	45.73	ng		99
84) Di-n-octyl phthalate	17.03	149	761754	43.45	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.42	276	706466	40.35	ng	#	100
87) Benzo(b)fluoranthene	17.49	252	568910	39.86	ng		98
88) Benzo(k)fluoranthene	17.52	252	597555m	43.25	ng		
89) Benzo(a)pyrene	17.86	252	544844	41.46	ng	#	97
90) Dibenzo(a,h)anthracene	19.44	278	560908	40.16	ng		97
91) Benzo(g,h,i)perylene	19.85	276	554443	39.61	ng		97

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

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