Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079108.D
Acq On : 10 May 2015 4:31
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/12/2015 3:45:52 PM

Quant Time: May 11 04:18:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 01:50:36 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	81788	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	335513	20.00	ng		0.01
38) Acenaphthene-d10	11.07	164	152098	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	279848	20.00	ng		0.01
75) Chrysene-d12	16.22	240	279723	20.00	ng		0.01
86) Perylene-d12	17.94	264	290221	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	390025	82.09	ng		0.00
7) Phenol-d6	6.88	99	500451	79.68	ng		0.00
23) Nitrobenzene-d5	8.01	82	468019	80.17	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	136687	83.07	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	882588	80.84	ng		0.00
78) Terphenyl-d14	14.91	244	933467	79.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	82297	39.84	ng	#	21
3) Pyridine	3.02	79	232763	38.50	ng		98
4) n-Nitrosodimethylamine	2.95	42	104240	40.24	ng		81
6) Aniline	6.91	93	364739	41.14	ng		100
8) 2-Chlorophenol	7.05	128	219946	40.81	ng		97
9) Benzaldehyde	6.78	77	159168	37.62	ng		94
10) Phenol	6.90	94	306541	42.07	ng		86
11) bis(2-Chloroethyl)ether	7.00	93	204797	38.34	ng		95
12) 1,3-Dichlorobenzene	7.24	146	247937	40.93	ng		96
13) 1,4-Dichlorobenzene	7.35	146	249042	39.95	ng		97
14) 1,2-Dichlorobenzene	7.53	146	234764	40.46	ng		98
15) Benzyl Alcohol	7.51	79	181900	39.02	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.68	45	327052	40.02	ng		99
17) 2-Methylphenol	7.64	107	168511	38.86	ng		98
18) Hexachloroethane	7.94	117	81118	37.78	ng	#	87
19) n-Nitroso-di-n-propylamine	7.84	70	172484	40.66	ng	#	84
20) 3+4-Methylphenols	7.84	107	232883	40.30	ng	#	52
22) Acetophenone	7.83	105	301395	39.76	ng	#	96
24) Nitrobenzene	8.03	77	224195	38.74	ng		98
25) Isophorone	8.33	82	423380	39.12	ng		99
26) 2-Nitrophenol	8.43	139	100304	41.88	ng		97
27) 2,4-Dimethylphenol	8.49	122	202271	42.20	ng		98
28) bis(2-Chloroethoxy)methane	8.62	93	269947	40.46	ng		100
29) 2,4-Dichlorophenol	8.73	162	182185	42.75	ng		95
30) 1,2,4-Trichlorobenzene	8.83	180	187472	40.05	ng		98
31) Naphthalene	8.92	128	647854	40.52	ng		99
32) Benzoic acid	8.60	122	101409	35.65	ng		99
33) 4-Chloroaniline	8.99	127	265430	39.24	ng		96
34) Hexachlorobutadiene	9.07	225	104444	38.74	ng		98
35) Caprolactam	9.43	113	52164	37.85	ng		90
36) 4-Chloro-3-methylphenol	9.60	107	180584	40.34	ng		95
37) 2-Methylnaphthalene	9.78	142	430499	38.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	175532	40.98	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	27580	12.80	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	127985	43.46	ng		96
43) 2,4,5-Trichlorophenol	10.18	196	128693	43.22	ng		93
45) 1,1'-Biphenyl	10.36	154	492634	40.74	ng		98
46) 2-Chloronaphthalene	10.39	162	390899	41.45	ng		98
47) 2-Nitroaniline	10.51	65	114597	41.93	ng		95
48) Acenaphthylene	10.90	152	654616	42.27	ng		99
49) Dimethylphthalate	10.75	163	461946	41.38	ng		100
50) 2,6-Dinitrotoluene	10.82	165	86220	39.14	ng		98
51) Acenaphthene	11.12	154	363656	39.38	ng		100
52) 3-Nitroaniline	11.03	138	118785	43.17	ng	#	88
53) 2,4-Dinitrophenol	11.17	184	3729	9.69	ng	#	81
54) Dibenzofuran	11.34	168	528094	39.59	ng		95
55) 4-Nitrophenol	11.25	139	81400	37.37	ng		95
56) 2,4-Dinitrotoluene	11.33	165	115959	39.82	ng	#	78
57) Fluorene	11.76	166	438127	40.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.49	232	92563	38.04	ng	#	100
59) Diethylphthalate	11.63	149	453739	41.03	ng		99
60) 4-Chlorophenyl-phenylether	11.76	204	188672	38.84	ng	#	86
61) 4-Nitroaniline	11.78	138	117210	42.57	ng		92
62) Azobenzene	11.95	77	406709	37.32	ng		93
64) 4,6-Dinitro-2-methylphenol	11.83	198	9814	12.41	ng	#	79
65) n-Nitrosodiphenylamine	11.91	169	370528	39.76	ng		99
66) 4-Bromophenyl-phenylether	12.38	248	116119	39.81	ng	#	85
67) Hexachlorobenzene	12.43	284	132059	39.61	ng	#	90
68) Atrazine	12.58	200	106081	39.14	ng		99
69) Pentachlorophenol	12.69	266	60485	35.20	ng		98
70) Phenanthrene	12.95	178	594549	37.98	ng		99
71) Anthracene	13.02	178	629753	41.00	ng		99
72) Carbazole	13.22	167	606055	41.40	ng		99
73) Di-n-butylphthalate	13.67	149	744565	42.41	ng	#	98
74) Fluoranthene	14.43	202	659276	40.41	ng		93
76) Benzidine	14.61	184	380852	50.52	ng		100
77) Pyrene	14.71	202	671344	41.65	ng		99
79) Butylbenzylphthalate	15.53	149	324472	46.05	ng		94
80) Benzo(a)anthracene	16.21	228	630645	41.17	ng		99
81) 3,3'-Dichlorobenzidine	16.18	252	243760	44.68	ng		98
82) Chrysene	16.25	228	580688	39.41	ng		100
83) Bis(2-ethylhexyl)phthalate	16.25	149	470305	44.07	ng		99
84) Di-n-octyl phthalate	17.04	149	850910	45.27	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.43	276	747452	39.82	ng	#	100
87) Benzo(b)fluoranthene	17.50	252	654925m	41.23	ng		
88) Benzo(k)fluoranthene	17.52	252	603282	39.23	ng		99
89) Benzo(a)pyrene	17.87	252	593454	40.57	ng		98
90) Dibenzo(a,h)anthracene	19.45	278	592312	38.10	ng		97
91) Benzo(g,h,i)perylene	19.86	276	588698	37.78	ng	#	95

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

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