Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079132.D
Acq On : 11 May 2015 23:02
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/12/2015 4:50:46 PM

Quant Time: May 12 03:53:11 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	61769	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	273497	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	139640	20.00	ng		0.00
63) Phenanthrene-d10	12.89	188	273121	20.00	ng		-0.01
75) Chrysene-d12	16.19	240	300757	20.00	ng		-0.03
86) Perylene-d12	17.97	264	323516	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	297649	82.95	ng		0.01
7) Phenol-d6	6.86	99	403190	85.00	ng		0.00
23) Nitrobenzene-d5	7.99	82	372569	78.29	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	130537	86.41	ng		0.00
44) 2-Fluorobiphenyl	10.22	172	789937	78.81	ng		-0.01
78) Terphenyl-d14	14.89	244	987298	78.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	64139	41.11	ng	#	16
3) Pyridine	2.96	79	194248	42.54	ng		99
4) n-Nitrosodimethylamine	2.88	42	77724	39.73	ng		89
6) Aniline	6.89	93	284011	42.42	ng		98
8) 2-Chlorophenol	7.03	128	173863	42.72	ng		100
9) Benzaldehyde	6.74	77	121182	37.92	ng		93
10) Phenol	6.88	94	238527	43.35	ng	#	71
11) bis(2-Chloroethyl)ether	6.98	93	161753	40.10	ng		99
12) 1,3-Dichlorobenzene	7.22	146	192864	42.16	ng	#	93
13) 1,4-Dichlorobenzene	7.31	146	187286	39.78	ng		94
14) 1,2-Dichlorobenzene	7.51	146	177267	40.45	ng		96
15) Benzyl Alcohol	7.47	79	145474	41.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.66	45	251953	40.83	ng		99
17) 2-Methylphenol	7.62	107	139351	42.55	ng		98
18) Hexachloroethane	7.92	117	66623	41.09	ng	#	88
19) n-Nitroso-di-n-propylamine	7.82	70	137306	42.86	ng	#	82
20) 3+4-Methylphenols	7.82	107	193258	44.28	ng	#	47
22) Acetophenone	7.80	105	254181	41.14	ng	#	94
24) Nitrobenzene	8.01	77	188319	39.92	ng		97
25) Isophorone	8.31	82	352642	39.97	ng		99
26) 2-Nitrophenol	8.41	139	89306	45.74	ng		95
27) 2,4-Dimethylphenol	8.47	122	164938	42.22	ng		99
28) bis(2-Chloroethoxy)methane	8.59	93	222556	40.92	ng		99
29) 2,4-Dichlorophenol	8.71	162	155500	44.76	ng		98
30) 1,2,4-Trichlorobenzene	8.81	180	155354	40.71	ng		98
31) Naphthalene	8.90	128	541022	41.52	ng		99
32) Benzoic acid	8.57	122	86366	36.96	ng		98
33) 4-Chloroaniline	8.97	127	226379	41.05	ng		97
34) Hexachlorobutadiene	9.05	225	84341	38.38	ng		98
35) Caprolactam	9.40	113	53618	47.73	ng		86
36) 4-Chloro-3-methylphenol	9.59	107	164364	45.04	ng	#	85
37) 2-Methylnaphthalene	9.76	142	371143	41.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	150195	38.19	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	58592	29.63	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	111996	41.42	ng		96
43) 2,4,5-Trichlorophenol	10.16	196	117363	42.93	ng		97
45) 1,1'-Biphenyl	10.34	154	445261	40.11	ng		98
46) 2-Chloronaphthalene	10.36	162	349324	40.34	ng		97
47) 2-Nitroaniline	10.49	65	104988	41.85	ng		98
48) Acenaphthylene	10.88	152	596203	41.93	ng		99
49) Dimethylphthalate	10.73	163	425310	41.50	ng		100
50) 2,6-Dinitrotoluene	10.80	165	83079	41.08	ng		98
51) Acenaphthene	11.10	154	334028	39.40	ng		99
52) 3-Nitroaniline	11.00	138	112270	44.44	ng	#	89
53) 2,4-Dinitrophenol	11.14	184	26720	44.86	ng	#	83
54) Dibenzofuran	11.30	168	488534	39.89	ng		97
55) 4-Nitrophenol	11.22	139	87347	43.68	ng	#	85
56) 2,4-Dinitrotoluene	11.30	165	123778	46.29	ng	#	73
57) Fluorene	11.74	166	418641	41.65	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.46	232	93526	41.87	ng	#	100
59) Diethylphthalate	11.61	149	424338	41.79	ng		99
60) 4-Chlorophenyl-phenylether	11.74	204	175977	39.46	ng	#	87
61) 4-Nitroaniline	11.76	138	117499	46.49	ng		92
62) Azobenzene	11.93	77	393084	39.29	ng		93
64) 4,6-Dinitro-2-methylphenol	11.80	198	52798	46.83	ng	#	65
65) n-Nitrosodiphenylamine	11.88	169	363981	40.02	ng		97
66) 4-Bromophenyl-phenylether	12.35	248	113806	39.98	ng	#	87
67) Hexachlorobenzene	12.41	284	131266	40.34	ng	#	85
68) Atrazine	12.56	200	105222	39.78	ng		99
69) Pentachlorophenol	12.66	266	63480	37.34	ng		96
70) Phenanthrene	12.93	178	603816	39.52	ng		99
71) Anthracene	12.99	178	622186	41.51	ng		99
72) Carbazole	13.20	167	623113	43.61	ng		99
73) Di-n-butylphthalate	13.65	149	729747	42.59	ng	#	98
74) Fluoranthene	14.41	202	700712	44.01	ng		93
76) Benzidine	14.58	184	351634	43.38	ng		98
77) Pyrene	14.69	202	699963	40.39	ng		100
79) Butylbenzylphthalate	15.51	149	335122	44.24	ng		99
80) Benzo(a)anthracene	16.18	228	685858	41.64	ng		100
81) 3,3'-Dichlorobenzidine	16.16	252	260659	44.43	ng	#	98
82) Chrysene	16.23	228	624547	39.43	ng		99
83) Bis(2-ethylhexyl)phthalate	16.24	149	499090	43.49	ng		99
84) Di-n-octyl phthalate	17.05	149	893607	44.22	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.45	276	902451	44.71	ng	#	100
87) Benzo(b)fluoranthene	17.51	252	755554	42.67	ng		99
88) Benzo(k)fluoranthene	17.54	252	663283m	38.69	ng		
89) Benzo(a)pyrene	17.91	252	681862	41.82	ng		99
90) Dibenzo(a,h)anthracene	19.47	278	711106	41.04	ng	#	95
91) Benzo(g,h,i)perylene	19.90	276	718083	41.35	ng		99

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

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