Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078036.D
Acq On : 27 Mar 2015 14:49
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
3/30/2015 6:30:34 PM

Quant Time: Mar 30 11:02:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:00:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	49099	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	210118	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	109127	20.00	ng		0.00
63) Phenanthrene-d10	12.66	188	213647	20.00	ng		0.01
75) Chrysene-d12	15.93	240	229506	20.00	ng		0.00
86) Perylene-d12	17.62	264	234902	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	242096	86.07	ng		0.00
7) Phenol-d6	6.67	99	301632	86.79	ng		0.00
23) Nitrobenzene-d5	7.78	82	271449	84.68	ng		0.00
41) 2,4,6-Tribromophenol	11.80	330	82757	79.26	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	550677	74.16	ng		0.00
78) Terphenyl-d14	14.65	244	696302	74.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	49913	39.08	ng	#	100
3) Pyridine	2.58	79	131714m	38.38	ng		
4) n-Nitrosodimethylamine	2.52	42	58970	39.47	ng		99
6) Aniline	6.67	93	203096	40.86	ng		93
8) 2-Chlorophenol	6.81	128	140421	41.94	ng		94
9) Benzaldehyde	6.52	77	74999	52.68	ng		95
10) Phenol	6.68	94	171318	41.70	ng		78
11) bis(2-Chloroethyl)ether	6.77	93	130642	42.46	ng		96
12) 1,3-Dichlorobenzene	7.00	146	152473	40.94	ng		96
13) 1,4-Dichlorobenzene	7.09	146	157727	40.76	ng		94
14) 1,2-Dichlorobenzene	7.28	146	144152	40.64	ng		94
15) Benzyl Alcohol	7.28	79	113323	41.77	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.45	45	175388	42.30	ng		99
17) 2-Methylphenol	7.42	107	114717	42.09	ng	#	95
18) Hexachloroethane	7.70	117	54158	42.68	ng	#	81
19) n-Nitroso-di-n-propylamine	7.61	70	104229	43.35	ng	#	91
20) 3+4-Methylphenols	7.62	107	158003	44.18	ng		92
22) Acetophenone	7.58	105	188090	40.44	ng	#	98
24) Nitrobenzene	7.80	77	142642	41.31	ng	#	80
25) Isophorone	8.10	82	274126	42.35	ng		98
26) 2-Nitrophenol	8.19	139	76489	45.24	ng		97
27) 2,4-Dimethylphenol	8.27	122	128043	41.57	ng		97
28) bis(2-Chloroethoxy)methane	8.38	93	167824	42.71	ng		99
29) 2,4-Dichlorophenol	8.50	162	118924	40.51	ng		96
30) 1,2,4-Trichlorobenzene	8.59	180	132115	40.22	ng		99
31) Naphthalene	8.68	128	445409	41.27	ng		99
32) Benzoic acid	8.41	122	78322m	45.74	ng		
33) 4-Chloroaniline	8.76	127	179527	40.99	ng	#	94
34) Hexachlorobutadiene	8.83	225	71850	38.59	ng		96
35) Caprolactam	9.21	113	39094	45.56	ng	#	80
36) 4-Chloro-3-methylphenol	9.38	107	122643	41.52	ng	#	82
37) 2-Methylnaphthalene	9.54	142	295671	40.78	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	125965	38.70	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	58775	37.81	ng		98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	88724	39.35	ng		96
43) 2,4,5-Trichlorophenol	9.95	196	97530	40.04	ng		98
45) 1,1'-Biphenyl	10.12	154	347268	39.81	ng		99
46) 2-Chloronaphthalene	10.13	162	267867	37.78	ng	#	90
47) 2-Nitroaniline	10.27	65	69947	39.73	ng	#	81
48) Acenaphthylene	10.65	152	457679	38.82	ng		100
49) Dimethylphthalate	10.51	163	310867	38.41	ng		99
50) 2,6-Dinitrotoluene	10.59	165	69697	41.54	ng	#	72
51) Acenaphthene	10.87	154	267851	39.63	ng		99
52) 3-Nitroaniline	10.79	138	74922	38.45	ng	#	73
53) 2,4-Dinitrophenol	10.92	184	25099	44.68	ng	#	71
54) Dibenzofuran	11.07	168	385675	38.47	ng		92
55) 4-Nitrophenol	11.03	139	61258	42.44	ng		87
56) 2,4-Dinitrotoluene	11.08	165	94969	43.41	ng	#	67
57) Fluorene	11.49	166	319943	38.44	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.23	232	74465	39.70	ng	#	100
59) Diethylphthalate	11.39	149	324798	41.19	ng		99
60) 4-Chlorophenyl-phenylether	11.52	204	138165	36.37	ng		90
61) 4-Nitroaniline	11.54	138	79640	41.01	ng		78
62) Azobenzene	11.71	77	326699	43.34	ng		92
64) 4,6-Dinitro-2-methylphenol	11.59	198	39752	40.18	ng	#	71
65) n-Nitrosodiphenylamine	11.67	169	285190	40.09	ng		99
66) 4-Bromophenyl-phenylether	12.11	248	86338	37.87	ng	#	83
67) Hexachlorobenzene	12.17	284	95358	38.06	ng	#	86
68) Atrazine	12.34	200	74964	37.60	ng		96
69) Pentachlorophenol	12.43	266	43679	35.09	ng		100
70) Phenanthrene	12.68	178	478167	38.99	ng		99
71) Anthracene	12.75	178	498187	41.11	ng		99
72) Carbazole	12.96	167	455168	39.49	ng		100
73) Di-n-butylphthalate	13.41	149	542583	41.98	ng		100
74) Fluoranthene	14.16	202	551671	40.78	ng		98
76) Benzidine	14.34	184	220142	38.76	ng		99
77) Pyrene	14.43	202	552807	38.30	ng		100
79) Butylbenzylphthalate	15.27	149	242678	42.65	ng		86
80) Benzo(a)anthracene	15.92	228	535890	39.39	ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	196353	43.75	ng	#	99
82) Chrysene	15.96	228	494177	40.40	ng		100
83) Bis(2-ethylhexyl)phthalate	15.99	149	361020	41.89	ng	#	96
84) Di-n-octyl phthalate	16.76	149	632932	42.95	ng		99
85) Indeno(1,2,3-cd)pyrene	18.96	276	654151	42.84	ng	#	100
87) Benzo(b)fluoranthene	17.19	252	594308	38.75	ng		98
88) Benzo(k)fluoranthene	17.22	252	463730m	38.71	ng		
89) Benzo(a)pyrene	17.56	252	518613	40.53	ng		98
90) Dibenzo(a,h)anthracene	18.98	278	515735	40.64	ng	#	96
91) Benzo(g,h,i)perylene	19.36	276	533241	41.27	ng		97

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

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