Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078737.D
Acq On : 23 Apr 2015 4:34
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/23/2015 2:15:25 PM

Quant Time: Apr 23 05:13:51 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	21968	20.00	ng		-0.01
21) Naphthalene-d8	7.94	136	95170	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	50526	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	104141	20.00	ng		0.00
75) Chrysene-d12	17.74	240	115237	20.00	ng		0.00
86) Perylene-d12	19.42	264	120652	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	3.79	112	99748	74.86	ng		-0.01
7) Phenol-d6	5.29	99	131378	78.68	ng		0.00
23) Nitrobenzene-d5	6.73	82	123955	78.95	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	36256	86.52	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	272420	77.07	ng		0.00
78) Terphenyl-d14	16.40	244	386958	75.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.35	88	17679	29.34	ng		91
3) Pyridine	1.84	79	52842	33.48	ng	#	95
4) n-Nitrosodimethylamine	1.79	42	27718	45.63	ng		94
6) Aniline	5.27	93	94278	39.81	ng		90
8) 2-Chlorophenol	5.45	128	59834	37.98	ng		96
9) Benzaldehyde	5.10	77	35671	32.23	ng		96
10) Phenol	5.31	94	77752	38.86	ng		99
11) bis(2-Chloroethyl)ether	5.42	93	53891	37.46	ng		96
12) 1,3-Dichlorobenzene	5.68	146	64688	37.38	ng		99
13) 1,4-Dichlorobenzene	5.82	146	66852	38.38	ng		97
14) 1,2-Dichlorobenzene	6.04	146	62735	38.41	ng		99
15) Benzyl Alcohol	6.07	79	50744	43.25	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	71364	37.18	ng		86
17) 2-Methylphenol	6.28	107	47388	38.74	ng	#	94
18) Hexachloroethane	6.59	117	22809	38.83	ng	#	82
19) n-Nitroso-di-n-propylamine	6.52	70	45933	41.69	ng		95
20) 3+4-Methylphenols	6.57	107	62925	38.56	ng		88
22) Acetophenone	6.49	105	85366	38.50	ng	#	94
24) Nitrobenzene	6.75	77	66490	40.51	ng	#	82
25) Isophorone	7.19	82	121981	40.93	ng		95
26) 2-Nitrophenol	7.31	139	30898	39.50	ng		97
27) 2,4-Dimethylphenol	7.47	122	54199	37.26	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	72644	38.02	ng		100
29) 2,4-Dichlorophenol	7.75	162	50667	38.29	ng		89
30) 1,2,4-Trichlorobenzene	7.87	180	55745	36.74	ng		99
31) Naphthalene	7.99	128	189172	38.19	ng		99
32) Benzoic acid	7.70	122	29398	43.58	ng		97
33) 4-Chloroaniline	8.15	127	82906	40.33	ng		97
34) Hexachlorobutadiene	8.24	225	31376	37.66	ng		98
35) Caprolactam	8.78	113	17993	45.55	ng		95
36) 4-Chloro-3-methylphenol	9.11	107	55854	41.83	ng		90
37) 2-Methylnaphthalene	9.24	142	130644	38.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	57492	36.72	ng		99
40) Hexachlorocyclopentadiene	9.54	237	15999	28.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	38561	39.06	ng		99
43) 2,4,5-Trichlorophenol	9.87	196	39971	38.75	ng		96
45) 1,1'-Biphenyl	10.12	154	155612	37.65	ng		98
46) 2-Chloronaphthalene	10.12	162	121684	37.42	ng		98
47) 2-Nitroaniline	10.36	65	36168	44.96	ng		92
48) Acenaphthylene	10.87	152	211285	40.24	ng		99
49) Dimethylphthalate	10.78	163	154693	40.75	ng		97
50) 2,6-Dinitrotoluene	10.86	165	32883	42.11	ng	#	40
51) Acenaphthene	11.19	154	116758	39.49	ng		100
52) 3-Nitroaniline	11.14	138	38173	42.99	ng		99
53) 2,4-Dinitrophenol	11.37	184	6216	31.90	ng		96
54) Dibenzofuran	11.52	168	178774	39.59	ng		100
55) 4-Nitrophenol	11.58	139	18350	29.86	ng	#	79
56) 2,4-Dinitrotoluene	11.60	165	45914	45.39	ng	#	88
57) Fluorene	12.15	166	151073	41.28	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.79	232	28590	37.39	ng		98
59) Diethylphthalate	12.09	149	154986	42.35	ng		98
60) 4-Chlorophenyl-phenylether	12.22	204	70016	41.58	ng	#	88
61) 4-Nitroaniline	12.26	138	37671	41.96	ng		92
62) Azobenzene	12.50	77	136380	40.83	ng		92
64) 4,6-Dinitro-2-methylphenol	12.34	198	17508	36.39	ng		80
65) n-Nitrosodiphenylamine	12.45	169	137269	38.11	ng		98
66) 4-Bromophenyl-phenylether	13.11	248	42129	38.20	ng		95
67) Hexachlorobenzene	13.15	284	44311	36.66	ng		97
68) Atrazine	13.52	200	44126	42.29	ng		95
69) Pentachlorophenol	13.57	266	11403	26.97	ng		97
70) Phenanthrene	13.91	178	230671	38.29	ng		99
71) Anthracene	14.00	178	234695	39.54	ng		100
72) Carbazole	14.33	167	224288	40.32	ng		99
73) Di-n-butylphthalate	15.03	149	269986	42.84	ng		99
74) Fluoranthene	15.81	202	264954	41.71	ng		92
76) Benzidine	16.07	184	162535	36.63	ng		98
77) Pyrene	16.11	202	280442	38.77	ng		99
79) Butylbenzylphthalate	17.11	149	125916	45.67	ng	#	77
80) Benzo(a)anthracene	17.73	228	264650	38.60	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	93971	40.92	ng	#	98
82) Chrysene	17.77	228	255573	39.67	ng		99
83) Bis(2-ethylhexyl)phthalate	17.87	149	185107	42.81	ng		98
84) Di-n-octyl phthalate	18.65	149	323148	45.51	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.55	276	310882	42.53	ng	#	88
87) Benzo(b)fluoranthene	19.01	252	274868	36.86	ng		99
88) Benzo(k)fluoranthene	19.04	252	268381m	40.50	ng		
89) Benzo(a)pyrene	19.36	252	252964	38.87	ng		99
90) Dibenzo(a,h)anthracene	20.57	278	249786	38.34	ng		98
91) Benzo(g,h,i)perylene	20.86	276	248511	38.04	ng		99

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

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