Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077597.D
Acq On : 5 Mar 2015 00:41
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/5/2015 12:48:02 PM

Quant Time: Mar 05 04:56:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	90213	20.00	ng		0.00
21) Naphthalene-d8	8.80	136	365418	20.00	ng		0.00
38) Acenaphthene-d10	10.97	164	181207	20.00	ng		0.00
63) Phenanthrene-d10	12.81	188	343344	20.00	ng		0.00
75) Chrysene-d12	16.09	240	367151	20.00	ng		-0.01
86) Perylene-d12	17.76	264	361736	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	420542	77.82	ng		0.00
7) Phenol-d6	6.78	99	533985	76.86	ng		0.00
23) Nitrobenzene-d5	7.91	82	473542	80.59	ng		0.00
41) 2,4,6-Tribromophenol	11.95	330	144848	83.02	ng		0.00
44) 2-Fluorobiphenyl	10.15	172	929479	79.98	ng		0.00
78) Terphenyl-d14	14.81	244	1106769	70.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	88454	38.57	ng		97
3) Pyridine	2.85	79	270566	41.24	ng		92
4) n-Nitrosodimethylamine	2.77	42	108190	37.93	ng		96
6) Aniline	6.81	93	366953	38.21	ng	#	70
8) 2-Chlorophenol	6.95	128	249931	39.21	ng		90
9) Benzaldehyde	6.67	77	182592	43.29	ng		96
10) Phenol	6.80	94	303732	36.84	ng	#	19
11) bis(2-Chloroethyl)ether	6.91	93	223407	37.71	ng		88
12) 1,3-Dichlorobenzene	7.15	146	267714	38.57	ng	#	90
13) 1,4-Dichlorobenzene	7.24	146	268862	38.07	ng		97
14) 1,2-Dichlorobenzene	7.43	146	249883	37.20	ng		97
15) Benzyl Alcohol	7.40	79	193186	36.58	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.58	45	325081	38.39	ng		98
17) 2-Methylphenol	7.55	107	192181	38.57	ng		97
18) Hexachloroethane	7.84	117	93914	39.82	ng		98
19) n-Nitroso-di-n-propylamine	7.74	70	173854	39.40	ng		93
20) 3+4-Methylphenols	7.74	107	254427	38.77	ng	#	76
22) Acetophenone	7.73	105	349067	40.61	ng	#	87
24) Nitrobenzene	7.94	77	257090	41.58	ng		88
25) Isophorone	8.24	82	447808	38.41	ng		95
26) 2-Nitrophenol	8.33	139	114767	45.29	ng		91
27) 2,4-Dimethylphenol	8.40	122	226863	40.02	ng		98
28) bis(2-Chloroethoxy)methane	8.52	93	292137	39.67	ng		99
29) 2,4-Dichlorophenol	8.63	162	204627	38.45	ng		90
30) 1,2,4-Trichlorobenzene	8.73	180	217208	37.12	ng		98
31) Naphthalene	8.82	128	683445	37.40	ng		99
32) Benzoic acid	8.50	122	108480	39.38	ng		97
33) 4-Chloroaniline	8.90	127	321441	39.56	ng	#	94
34) Hexachlorobutadiene	8.98	225	126623	37.91	ng		99
35) Caprolactam	9.33	113	62301	38.35	ng		97
36) 4-Chloro-3-methylphenol	9.51	107	208160	38.91	ng		95
37) 2-Methylnaphthalene	9.68	142	497385	38.33	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.89	216	214380	41.23	ng		99
40) Hexachlorocyclopentadiene	9.88	237	113865	40.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	145341	42.21	ng		99
43) 2,4,5-Trichlorophenol	10.08	196	157199	42.69	ng	#	86
45) 1,1'-Biphenyl	10.27	154	578914	42.17	ng		100
46) 2-Chloronaphthalene	10.29	162	439738	40.84	ng		99
47) 2-Nitroaniline	10.42	65	134358	50.69	ng	#	73
48) Acenaphthylene	10.80	152	722405	42.38	ng		99
49) Dimethylphthalate	10.66	163	533340	41.87	ng		99
50) 2,6-Dinitrotoluene	10.73	165	116699	45.68	ng	#	75
51) Acenaphthene	11.01	154	423523	41.64	ng		99
52) 3-Nitroaniline	10.93	138	132625	45.03	ng		88
53) 2,4-Dinitrophenol	11.06	184	37783	48.61	ng	#	72
54) Dibenzofuran	11.23	168	659457	41.99	ng		97
55) 4-Nitrophenol	11.14	139	106389	44.91	ng	#	68
56) 2,4-Dinitrotoluene	11.22	165	150091	43.48	ng	#	75
57) Fluorene	11.65	166	532057	42.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.38	232	128924	43.56	ng		97
59) Diethylphthalate	11.53	149	504005	40.14	ng		98
60) 4-Chlorophenyl-phenylether	11.66	204	239702	39.62	ng		95
61) 4-Nitroaniline	11.68	138	131152	46.46	ng		97
62) Azobenzene	11.86	77	512138	42.99	ng		94
64) 4,6-Dinitro-2-methylphenol	11.72	198	59817	44.00	ng		77
65) n-Nitrosodiphenylamine	11.81	169	447760	39.30	ng		99
66) 4-Bromophenyl-phenylether	12.27	248	145545	36.20	ng	#	90
67) Hexachlorobenzene	12.32	284	157223	36.43	ng	#	83
68) Atrazine	12.48	200	127849	34.52	ng		100
69) Pentachlorophenol	12.58	266	86145	37.98	ng		98
70) Phenanthrene	12.84	178	758608	38.12	ng		99
71) Anthracene	12.90	178	744153	37.68	ng		100
72) Carbazole	13.11	167	722184	38.46	ng		98
73) Di-n-butylphthalate	13.56	149	822545	37.31	ng		99
74) Fluoranthene	14.31	202	817071	37.59	ng		99
76) Benzidine	14.50	184	551588	44.47	ng		99
77) Pyrene	14.59	202	848145	37.76	ng		99
79) Butylbenzylphthalate	15.42	149	360765	39.04	ng		93
80) Benzo(a)anthracene	16.08	228	814090	37.83	ng		99
81) 3,3'-Dichlorobenzidine	16.06	252	294933	37.41	ng		99
82) Chrysene	16.13	228	745339	36.89	ng		100
83) Bis(2-ethylhexyl)phthalate	16.14	149	526343	35.52	ng		99
84) Di-n-octyl phthalate	16.91	149	863111	34.89	ng		99
85) Indeno(1,2,3-cd)pyrene	19.19	276	913144m	39.64	ng		
87) Benzo(b)fluoranthene	17.34	252	910102	43.27	ng	#	96
88) Benzo(k)fluoranthene	17.37	252	647438m	31.41	ng		
89) Benzo(a)pyrene	17.70	252	774717	38.67	ng		98
90) Dibenzo(a,h)anthracene	19.21	278	753518	39.44	ng		99
91) Benzo(g,h,i)perylene	19.60	276	770357	39.95	ng		98

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

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