Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
Data File : BF078099.D
Acq On : 30 Mar 2015 23:37
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
3/31/2015 2:17:25 PM

Quant Time: Mar 31 02:32:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 01:02:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	34726	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	144147	20.00	ng		0.00
38) Acenaphthene-d10	10.81	164	71229	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	135347	20.00	ng		0.00
75) Chrysene-d12	15.92	240	150920	20.00	ng		-0.02
86) Perylene-d12	17.60	264	152057	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	161932	81.40	ng		0.00
7) Phenol-d6	6.65	99	202575	82.42	ng		0.00
23) Nitrobenzene-d5	7.76	82	177376	80.66	ng		0.00
41) 2,4,6-Tribromophenol	11.79	330	49544	72.70	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	383158	79.05	ng		0.00
78) Terphenyl-d14	14.64	244	443067	71.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	32422	35.90	ng	#	100
3) Pyridine	2.56	79	99772	41.11	ng		97
4) n-Nitrosodimethylamine	2.50	42	31750	30.05	ng		99
6) Aniline	6.65	93	139249	39.61	ng		92
8) 2-Chlorophenol	6.80	128	96177	40.61	ng		97
9) Benzaldehyde	6.51	77	45357	45.04	ng		92
10) Phenol	6.66	94	116784	40.19	ng		94
11) bis(2-Chloroethyl)ether	6.76	93	86138	39.58	ng		97
12) 1,3-Dichlorobenzene	6.98	146	103291	39.22	ng		97
13) 1,4-Dichlorobenzene	7.08	146	110860	40.51	ng		95
14) 1,2-Dichlorobenzene	7.26	146	101010	40.26	ng		96
15) Benzyl Alcohol	7.25	79	75570	39.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.44	45	114515	39.05	ng		99
17) 2-Methylphenol	7.41	107	76651	39.76	ng		98
18) Hexachloroethane	7.68	117	35910	40.01	ng		90
19) n-Nitroso-di-n-propylamine	7.58	70	66129	38.89	ng		98
20) 3+4-Methylphenols	7.61	107	98700	39.02	ng		97
22) Acetophenone	7.57	105	129835	40.69	ng		97
24) Nitrobenzene	7.78	77	95571	40.34	ng		94
25) Isophorone	8.08	82	166383	37.47	ng	#	90
26) 2-Nitrophenol	8.18	139	44627	38.48	ng		96
27) 2,4-Dimethylphenol	8.25	122	78924	37.35	ng		94
28) bis(2-Chloroethoxy)methane	8.37	93	103384	38.35	ng	#	96
29) 2,4-Dichlorophenol	8.48	162	75932	37.70	ng		95
30) 1,2,4-Trichlorobenzene	8.57	180	85247	37.83	ng	#	95
31) Naphthalene	8.66	128	283665	38.32	ng		99
32) Benzoic acid	8.37	122	37157	32.59	ng		98
33) 4-Chloroaniline	8.75	127	117483	39.10	ng		99
34) Hexachlorobutadiene	8.82	225	48888	38.28	ng		97
35) Caprolactam	9.16	113	23145	39.32	ng		96
36) 4-Chloro-3-methylphenol	9.37	107	79617	39.29	ng		95
37) 2-Methylnaphthalene	9.53	142	189757	38.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	78224	36.82	ng	#	100
40) Hexachlorocyclopentadiene	9.71	237	31202	31.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	56675	38.51	ng		97
43) 2,4,5-Trichlorophenol	9.93	196	59460	37.40	ng	#	89
45) 1,1'-Biphenyl	10.10	154	221946	38.98	ng		96
46) 2-Chloronaphthalene	10.12	162	185639	40.12	ng		95
47) 2-Nitroaniline	10.26	65	46737	40.67	ng		91
48) Acenaphthylene	10.62	152	301821	39.22	ng		99
49) Dimethylphthalate	10.50	163	206591	39.11	ng		100
50) 2,6-Dinitrotoluene	10.57	165	42176	38.51	ng		91
51) Acenaphthene	10.84	154	168035	38.09	ng		98
52) 3-Nitroaniline	10.77	138	52088	40.96	ng		88
53) 2,4-Dinitrophenol	10.91	184	7936	25.80	ng	#	86
54) Dibenzofuran	11.06	168	252523	38.59	ng		95
55) 4-Nitrophenol	11.01	139	32491	34.49	ng		95
56) 2,4-Dinitrotoluene	11.07	165	59900	41.95	ng	#	56
57) Fluorene	11.48	166	208137	38.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.22	232	45694	37.33	ng	#	100
59) Diethylphthalate	11.38	149	197266	38.32	ng		99
60) 4-Chlorophenyl-phenylether	11.49	204	90865	36.64	ng	#	82
61) 4-Nitroaniline	11.53	138	53342	42.08	ng		85
62) Azobenzene	11.69	77	187101	38.03	ng		90
64) 4,6-Dinitro-2-methylphenol	11.56	198	19482	32.05	ng		81
65) n-Nitrosodiphenylamine	11.65	169	178460	39.60	ng		99
66) 4-Bromophenyl-phenylether	12.10	248	54008	37.39	ng	#	79
67) Hexachlorobenzene	12.16	284	59588	37.54	ng	#	87
68) Atrazine	12.33	200	48828	38.66	ng		97
69) Pentachlorophenol	12.42	266	20765	27.10	ng		98
70) Phenanthrene	12.67	178	311718	40.12	ng		100
71) Anthracene	12.74	178	315697	41.12	ng		99
72) Carbazole	12.95	167	302174	41.38	ng		99
73) Di-n-butylphthalate	13.40	149	311003	37.98	ng		99
74) Fluoranthene	14.15	202	356286	41.57	ng		97
76) Benzidine	14.34	184	129269	34.56	ng		99
77) Pyrene	14.42	202	359220	37.85	ng		99
79) Butylbenzylphthalate	15.27	149	140263	37.49	ng		97
80) Benzo(a)anthracene	15.91	228	349106	39.02	ng		100
81) 3,3'-Dichlorobenzidine	15.89	252	111267	37.70	ng		98
82) Chrysene	15.95	228	327484	40.71	ng		100
83) Bis(2-ethylhexyl)phthalate	15.99	149	208376	36.76	ng	#	96
84) Di-n-octyl phthalate	16.75	149	346133	35.72	ng		100
85) Indeno(1,2,3-cd)pyrene	18.92	276	414987	41.33	ng	#	100
87) Benzo(b)fluoranthene	17.17	252	357235	35.99	ng	#	95
88) Benzo(k)fluoranthene	17.20	252	351727m	45.36	ng		
89) Benzo(a)pyrene	17.53	252	326569	39.43	ng	#	95
90) Dibenzo(a,h)anthracene	18.96	278	320547	39.02	ng		99
91) Benzo(g,h,i)perylene	19.32	276	333054	39.82	ng		98

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

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