Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077724.D
Acq On : 12 Mar 2015 10:19
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:58 AM

Quant Time: Mar 12 13:21:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	49232	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	207806	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	104330	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	200700	20.00	ng		0.00
75) Chrysene-d12	16.03	240	205390	20.00	ng		0.00
86) Perylene-d12	17.78	264	207265	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	225859	80.08	ng		0.00
7) Phenol-d6	6.74	99	292489	83.93	ng		0.00
23) Nitrobenzene-d5	7.86	82	245689	77.50	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	75716	75.85	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	529820	74.63	ng		0.00
78) Terphenyl-d14	14.74	244	642297	76.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	46333	36.18	ng	#	100
3) Pyridine	2.75	79	121098	35.20	ng		96
4) n-Nitrosodimethylamine	2.67	42	60171	40.16	ng		82
6) Aniline	6.75	93	197278	39.58	ng	#	31
8) 2-Chlorophenol	6.90	128	133858	39.87	ng		98
9) Benzaldehyde	6.61	77	61215	42.88	ng		98
10) Phenol	6.75	94	167172	40.58	ng		92
11) bis(2-Chloroethyl)ether	6.86	93	125307	40.61	ng		99
12) 1,3-Dichlorobenzene	7.09	146	150018	40.18	ng		96
13) 1,4-Dichlorobenzene	7.18	146	153520	39.57	ng		94
14) 1,2-Dichlorobenzene	7.37	146	140347	39.46	ng	#	91
15) Benzyl Alcohol	7.36	79	111826	41.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.54	45	169382	40.74	ng		99
17) 2-Methylphenol	7.50	107	109876	40.20	ng		98
18) Hexachloroethane	7.79	117	52683	41.40	ng		96
19) n-Nitroso-di-n-propylamine	7.69	70	94136	39.05	ng		98
20) 3+4-Methylphenols	7.70	107	146333	40.80	ng		99
22) Acetophenone	7.68	105	178308	38.76	ng	#	100
24) Nitrobenzene	7.88	77	128555	37.64	ng		98
25) Isophorone	8.19	82	254249	39.71	ng		100
26) 2-Nitrophenol	8.28	139	65938	39.44	ng		98
27) 2,4-Dimethylphenol	8.35	122	119836	39.34	ng		100
28) bis(2-Chloroethoxy)methane	8.46	93	150652	38.77	ng		100
29) 2,4-Dichlorophenol	8.58	162	114559	39.45	ng		98
30) 1,2,4-Trichlorobenzene	8.68	180	123888	38.13	ng		99
31) Naphthalene	8.77	128	422142	39.55	ng		100
32) Benzoic acid	8.45	122	60323	36.31	ng		96
33) 4-Chloroaniline	8.85	127	169041	39.03	ng		98
34) Hexachlorobutadiene	8.93	225	71554	38.86	ng		98
35) Caprolactam	9.28	113	34193	40.29	ng	#	85
36) 4-Chloro-3-methylphenol	9.46	107	111895	38.30	ng		99
37) 2-Methylnaphthalene	9.63	142	289196	40.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	119917	38.54	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	50173	34.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	84036	38.99	ng		98
43) 2,4,5-Trichlorophenol	10.03	196	88393	37.96	ng		99
45) 1,1'-Biphenyl	10.21	154	328851	39.43	ng		100
46) 2-Chloronaphthalene	10.23	162	260943	38.50	ng	#	90
47) 2-Nitroaniline	10.36	65	66933	39.76	ng		98
48) Acenaphthylene	10.74	152	444592	39.45	ng		100
49) Dimethylphthalate	10.60	163	295792	38.23	ng		100
50) 2,6-Dinitrotoluene	10.67	165	63342	39.49	ng		98
51) Acenaphthene	10.96	154	250269	38.73	ng		98
52) 3-Nitroaniline	10.88	138	75634	40.60	ng		100
53) 2,4-Dinitrophenol	11.00	184	15974	32.44	ng		95
54) Dibenzofuran	11.17	168	371153	38.72	ng		99
55) 4-Nitrophenol	11.09	139	54194	39.27	ng		85
56) 2,4-Dinitrotoluene	11.16	165	80291	38.39	ng		97
57) Fluorene	11.60	166	314930	39.57	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70109	39.10	ng	#	100
59) Diethylphthalate	11.48	149	297329	39.44	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	138364	38.10	ng		97
61) 4-Nitroaniline	11.63	138	78253	42.15	ng		94
62) Azobenzene	11.80	77	286455	39.75	ng		99
64) 4,6-Dinitro-2-methylphenol	11.67	198	31511	34.57	ng		96
65) n-Nitrosodiphenylamine	11.76	169	265658	39.75	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	82431	38.49	ng		97
67) Hexachlorobenzene	12.27	284	89488	38.02	ng		95
68) Atrazine	12.43	200	74573	39.82	ng		99
69) Pentachlorophenol	12.52	266	40117	34.37	ng		98
70) Phenanthrene	12.79	178	454661	39.46	ng		99
71) Anthracene	12.84	178	435366	38.25	ng		99
72) Carbazole	13.05	167	424032	39.16	ng		99
73) Di-n-butylphthalate	13.51	149	467046	38.47	ng		99
74) Fluoranthene	14.26	202	481125	37.86	ng		99
76) Benzidine	14.44	184	180962	35.57	ng		100
77) Pyrene	14.53	202	509348	39.44	ng		100
79) Butylbenzylphthalate	15.37	149	204555	40.17	ng		98
80) Benzo(a)anthracene	16.02	228	473134	38.86	ng		99
81) 3,3'-Dichlorobenzidine	16.01	252	158080	39.36	ng	#	98
82) Chrysene	16.07	228	444602	40.61	ng		100
83) Bis(2-ethylhexyl)phthalate	16.09	149	303303	39.32	ng	#	96
84) Di-n-octyl phthalate	16.89	149	519156	39.36	ng		100
85) Indeno(1,2,3-cd)pyrene	19.17	276	546190m	39.97	ng		
87) Benzo(b)fluoranthene	17.33	252	478906m	35.39	ng		
88) Benzo(k)fluoranthene	17.36	252	447738	42.36	ng	#	96
89) Benzo(a)pyrene	17.71	252	440361	39.00	ng	#	96
90) Dibenzo(a,h)anthracene	19.21	278	442602	39.53	ng		98
91) Benzo(g,h,i)perylene	19.59	276	444588	39.00	ng		98

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

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