Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077688.D
Acq On : 11 Mar 2015 14:36
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031115

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:15 AM

Quant Time: Mar 12 02:42:00 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	47905	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	201348	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	102838	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	200985	20.00	ng		0.00
75) Chrysene-d12	16.03	240	204244	20.00	ng		0.00
86) Perylene-d12	17.72	264	194093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	213593	77.83	ng		-0.01
7) Phenol-d6	6.74	99	272865	80.47	ng		0.00
23) Nitrobenzene-d5	7.86	82	237857	77.44	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	77807	79.08	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	531996	76.03	ng		0.00
78) Terphenyl-d14	14.75	244	635838	76.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	50585	40.60	ng	#	100
3) Pyridine	2.74	79	153106	45.73	ng		92
4) n-Nitrosodimethylamine	2.67	42	60178	41.28	ng	#	97
6) Aniline	6.76	93	192354	39.66	ng		99
8) 2-Chlorophenol	6.90	128	126261	38.65	ng		98
9) Benzaldehyde	6.61	77	54078	38.93	ng		98
10) Phenol	6.75	94	163378	40.76	ng		97
11) bis(2-Chloroethyl)ether	6.86	93	121045	40.32	ng		97
12) 1,3-Dichlorobenzene	7.09	146	142771	39.29	ng		99
13) 1,4-Dichlorobenzene	7.20	146	145548	38.55	ng		100
14) 1,2-Dichlorobenzene	7.38	146	133229	38.49	ng		100
15) Benzyl Alcohol	7.36	79	106569	40.26	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	157555	38.94	ng		100
17) 2-Methylphenol	7.50	107	106385	40.00	ng		99
18) Hexachloroethane	7.79	117	49079	39.64	ng		95
19) n-Nitroso-di-n-propylamine	7.69	70	90358	38.52	ng		99
20) 3+4-Methylphenols	7.70	107	139330	39.93	ng		99
22) Acetophenone	7.68	105	170647	38.28	ng		99
24) Nitrobenzene	7.88	77	125425	37.90	ng		99
25) Isophorone	8.19	82	240811	38.82	ng		97
26) 2-Nitrophenol	8.28	139	67099	41.42	ng		99
27) 2,4-Dimethylphenol	8.35	122	117669	39.87	ng		99
28) bis(2-Chloroethoxy)methane	8.48	93	144169	38.29	ng	#	96
29) 2,4-Dichlorophenol	8.58	162	111575	39.66	ng		99
30) 1,2,4-Trichlorobenzene	8.68	180	122364	38.87	ng		98
31) Naphthalene	8.77	128	395965	38.29	ng		100
32) Benzoic acid	8.45	122	61359	37.96	ng		97
33) 4-Chloroaniline	8.85	127	166931	39.78	ng		99
34) Hexachlorobutadiene	8.93	225	68371	38.32	ng		97
35) Caprolactam	9.26	113	32149	39.10	ng		97
36) 4-Chloro-3-methylphenol	9.46	107	113386	40.06	ng		97
37) 2-Methylnaphthalene	9.63	142	265092	38.16	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	117424	38.28	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	55521	37.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	83810	39.45	ng		98
43) 2,4,5-Trichlorophenol	10.03	196	89370	38.93	ng		97
45) 1,1'-Biphenyl	10.21	154	320728	39.01	ng		99
46) 2-Chloronaphthalene	10.24	162	255886	38.30	ng		99
47) 2-Nitroaniline	10.36	65	67714	40.81	ng		100
48) Acenaphthylene	10.74	152	427320	38.46	ng		99
49) Dimethylphthalate	10.60	163	293319	38.46	ng		100
50) 2,6-Dinitrotoluene	10.67	165	60965	38.56	ng		96
51) Acenaphthene	10.96	154	249062	39.10	ng		100
52) 3-Nitroaniline	10.88	138	75012	40.85	ng		98
53) 2,4-Dinitrophenol	11.00	184	19702	38.56	ng		98
54) Dibenzofuran	11.17	168	367828	38.93	ng		99
55) 4-Nitrophenol	11.09	139	58205	42.79	ng		97
56) 2,4-Dinitrotoluene	11.17	165	82523	40.03	ng	#	69
57) Fluorene	11.60	166	306880	39.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.32	232	70178	39.71	ng	#	100
59) Diethylphthalate	11.48	149	295248	39.73	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	136695	38.18	ng		99
61) 4-Nitroaniline	11.63	138	76479	41.79	ng		99
62) Azobenzene	11.80	77	272792	38.41	ng		99
64) 4,6-Dinitro-2-methylphenol	11.67	198	34894	37.78	ng		99
65) n-Nitrosodiphenylamine	11.76	169	265478	39.67	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	84456	39.38	ng		99
67) Hexachlorobenzene	12.27	284	91347	38.76	ng		100
68) Atrazine	12.43	200	76146	40.60	ng		100
69) Pentachlorophenol	12.52	266	44769	37.95	ng		99
70) Phenanthrene	12.79	178	449569	38.96	ng		99
71) Anthracene	12.84	178	431795	37.88	ng		100
72) Carbazole	13.05	167	408420	37.66	ng		100
73) Di-n-butylphthalate	13.51	149	464616	38.21	ng		100
74) Fluoranthene	14.26	202	478362	37.59	ng		99
76) Benzidine	14.44	184	187378	37.05	ng		98
77) Pyrene	14.53	202	484208	37.70	ng		99
79) Butylbenzylphthalate	15.37	149	202351	39.96	ng		98
80) Benzo(a)anthracene	16.02	228	460673	38.05	ng		99
81) 3,3'-Dichlorobenzidine	16.00	252	150585	37.71	ng		97
82) Chrysene	16.07	228	422059	38.77	ng		100
83) Bis(2-ethylhexyl)phthalate	16.09	149	299743	39.08	ng		99
84) Di-n-octyl phthalate	16.87	149	496002	37.82	ng		100
85) Indeno(1,2,3-cd)pyrene	19.11	276	514013	37.83	ng	#	100
87) Benzo(b)fluoranthene	17.29	252	432487	34.13	ng		98
88) Benzo(k)fluoranthene	17.32	252	462653m	46.75	ng		
89) Benzo(a)pyrene	17.65	252	412398	39.01	ng	#	96
90) Dibenzo(a,h)anthracene	19.14	278	418012	39.86	ng		98
91) Benzo(g,h,i)perylene	19.52	276	416347	39.00	ng		98

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

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