Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079660.D
Acq On : 3 Jun 2015 13:33
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF060315

Manual Integrations APPROVED
apatel
6/5/2015 8:05:45 AM

Quant Time: Jun 05 11:18:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 10:52:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	90029	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	340003	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	176961	20.00	ng		0.00
63) Phenanthrene-d10	12.13	188	367400	20.00	ng		-0.01
75) Chrysene-d12	15.31	240	384114	20.00	ng		-0.07
86) Perylene-d12	17.38	264	348078	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	391712	79.01	ng		0.00
7) Phenol-d6	7.11	99	553726	84.91	ng		0.00
23) Nitrobenzene-d5	8.08	82	489196	83.98	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	118052	80.83	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	969337	82.76	ng		0.00
78) Terphenyl-d14	13.92	244	1266447	83.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	91559	39.88	ng		97
3) Pyridine	4.31	79	256495	38.86	ng		98
4) n-Nitrosodimethylamine	4.23	42	121256	41.21	ng		98
6) Aniline	7.18	93	375229	40.09	ng		99
8) 2-Chlorophenol	7.30	128	234272	40.59	ng		98
9) Benzaldehyde	7.06	77	157243	41.60	ng		99
10) Phenol	7.12	94	295912	42.32	ng		98
11) bis(2-Chloroethyl)ether	7.23	93	223749	40.14	ng		98
12) 1,3-Dichlorobenzene	7.46	146	266543	40.39	ng		98
13) 1,4-Dichlorobenzene	7.54	146	267757	39.67	ng		98
14) 1,2-Dichlorobenzene	7.69	146	241492m	39.53	ng		
15) Benzyl Alcohol	7.63	79	190733	40.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.78	45	368144	39.61	ng		100
17) 2-Methylphenol	7.74	107	194043	40.72	ng		99
18) Hexachloroethane	8.04	117	89316	40.43	ng		95
19) n-Nitroso-di-n-propylamine	7.91	70	193250	43.31	ng		99
20) 3+4-Methylphenols	7.88	107	247654	39.24	ng		99
22) Acetophenone	7.92	105	323998	40.72	ng		98
24) Nitrobenzene	8.09	77	247331	43.41	ng		98
25) Isophorone	8.33	82	481064	41.51	ng		99
26) 2-Nitrophenol	8.41	139	82724	43.96	ng		95
27) 2,4-Dimethylphenol	8.43	122	204246	38.51	ng		99
28) bis(2-Chloroethoxy)methane	8.52	93	273475	41.07	ng		99
29) 2,4-Dichlorophenol	8.65	162	199409	42.16	ng		98
30) 1,2,4-Trichlorobenzene	8.75	180	216989	40.71	ng		98
31) Naphthalene	8.83	128	714040	40.17	ng		100
32) Benzoic acid	8.48	122	61834	42.72	ng		96
33) 4-Chloroaniline	8.87	127	393187	40.68	ng		99
34) Hexachlorobutadiene	8.95	225	120533	40.34	ng		95
35) Caprolactam	9.20	113	56886	43.68	ng	#	51
36) 4-Chloro-3-methylphenol	9.32	107	194956	40.38	ng		97
37) 2-Methylnaphthalene	9.53	142	484426	40.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	227577	40.07	ng		99
40) Hexachlorocyclopentadiene	9.69	237	111579	41.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	132808	43.00	ng		99
43) 2,4,5-Trichlorophenol	9.84	196	149725	43.76	ng		96
45) 1,1'-Biphenyl	10.00	154	548310	40.18	ng		99
46) 2-Chloronaphthalene	10.02	162	434383	40.63	ng	#	90
47) 2-Nitroaniline	10.10	65	104075	47.28	ng		95
48) Acenaphthylene	10.46	152	726816	41.01	ng		100
49) Dimethylphthalate	10.27	163	517557	39.92	ng		100
50) 2,6-Dinitrotoluene	10.34	165	95550	46.39	ng		93
51) Acenaphthene	10.63	154	434269	40.43	ng		97
52) 3-Nitroaniline	10.51	138	120361	47.37	ng		94
53) 2,4-Dinitrophenol	10.62	184	26207	44.74	ng	#	52
54) Dibenzofuran	10.80	168	648989	41.63	ng		98
55) 4-Nitrophenol	10.65	139	85108	41.53	ng		97
56) 2,4-Dinitrotoluene	10.75	165	106936	42.61	ng	#	87
57) Fluorene	11.14	166	511722	40.17	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.90	232	104506	44.08	ng	#	98
59) Diethylphthalate	10.98	149	519021	41.68	ng		98
60) 4-Chlorophenyl-phenylether	11.13	204	241665	42.03	ng		93
61) 4-Nitroaniline	11.13	138	115657	46.14	ng		98
62) Azobenzene	11.29	77	500469	42.99	ng		94
64) 4,6-Dinitro-2-methylphenol	11.17	198	40127	39.34	ng		82
65) n-Nitrosodiphenylamine	11.23	169	439966	38.14	ng		99
66) 4-Bromophenyl-phenylether	11.63	248	157494	42.72	ng	#	79
67) Hexachlorobenzene	11.71	284	158752	36.65	ng	#	74
68) Atrazine	11.76	200	114320	38.69	ng		92
69) Pentachlorophenol	11.91	266	70781	44.60	ng		98
70) Phenanthrene	12.15	178	793074	39.04	ng		99
71) Anthracene	12.21	178	805404	39.41	ng		99
72) Carbazole	12.35	167	711324	37.91	ng		99
73) Di-n-butylphthalate	12.70	149	831116	40.41	ng	#	82
74) Fluoranthene	13.49	202	873671	39.89	ng		96
76) Benzidine	13.61	184	383573	43.90	ng		99
77) Pyrene	13.76	202	877973	39.70	ng		99
79) Butylbenzylphthalate	14.51	149	315138	42.40	ng	#	76
80) Benzo(a)anthracene	15.29	228	867263	41.29	ng		99
81) 3,3'-Dichlorobenzidine	15.23	252	274206	43.70	ng		99
82) Chrysene	15.35	228	833472	39.44	ng		99
83) Bis(2-ethylhexyl)phthalate	15.27	149	495557	39.90	ng	#	98
84) Di-n-octyl phthalate	16.16	149	759440	41.91	ng		99
85) Indeno(1,2,3-cd)pyrene	19.44	276	872805	42.23	ng		99
87) Benzo(b)fluoranthene	16.79	252	836813	46.52	ng		97
88) Benzo(k)fluoranthene	16.82	252	764257m	36.27	ng		
89) Benzo(a)pyrene	17.29	252	761424	43.29	ng		99
90) Dibenzo(a,h)anthracene	19.46	278	709945	43.08	ng		98
91) Benzo(g,h,i)perylene	20.06	276	732240	41.89	ng		99

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

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