Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\
Data File : BF078367.D
Acq On : 9 Apr 2015 19:20
Operator : TP/IZ
Sample : G1782-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB11MS

Manual Integrations APPROVED
apatel
4/10/2015 5:12:59 PM

Quant Time: Apr 10 01:45:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 00:58:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	48478	20.00	ng		0.00
21) Naphthalene-d8	8.46	136	205777	20.00	ng		0.00
38) Acenaphthene-d10	10.62	164	103908	20.00	ng		0.00
63) Phenanthrene-d10	12.44	188	199057	20.00	ng		-0.01
75) Chrysene-d12	15.72	240	203984	20.00	ng		0.00
86) Perylene-d12	17.49	264	195140	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	222965	75.83	ng		0.00
7) Phenol-d6	6.49	99	290508	78.84	ng		0.00
23) Nitrobenzene-d5	7.58	82	164643	48.50	ng		0.00
41) 2,4,6-Tribromophenol	11.60	330	68061	78.98	ng		-0.01
44) 2-Fluorobiphenyl	9.81	172	359629	49.47	ng		0.00
78) Terphenyl-d14	14.44	244	388438	43.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	24005	18.05	ng		93
3) Pyridine	2.32	79	71199	20.44	ng		98
4) n-Nitrosodimethylamine	2.25	42	31671m	23.62	ng		
6) Aniline	6.48	93	101590	19.44	ng		96
8) 2-Chlorophenol	6.61	128	86501	24.88	ng		94
9) Benzaldehyde	6.33	77	26454	10.83	ng		99
10) Phenol	6.50	94	119112	26.98	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	76638	24.14	ng		96
12) 1,3-Dichlorobenzene	6.81	146	87528	22.92	ng	#	92
13) 1,4-Dichlorobenzene	6.91	146	84701	22.03	ng		95
14) 1,2-Dichlorobenzene	7.08	146	83235	23.09	ng		98
15) Benzyl Alcohol	7.08	79	68495	26.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	102246	24.14	ng		97
17) 2-Methylphenol	7.25	107	67042	24.84	ng		96
18) Hexachloroethane	7.50	117	29534	22.78	ng		87
19) n-Nitroso-di-n-propylamine	7.42	70	57912	23.82	ng		98
20) 3+4-Methylphenols	7.45	107	90618	25.17	ng		94
22) Acetophenone	7.40	105	117680	24.54	ng	#	90
24) Nitrobenzene	7.61	77	85303	24.04	ng	#	84
25) Isophorone	7.92	82	151142	23.46	ng		98
26) 2-Nitrophenol	8.01	139	39263	23.22	ng		95
27) 2,4-Dimethylphenol	8.09	122	74229	23.60	ng		94
28) bis(2-Chloroethoxy)methane	8.20	93	96629	23.39	ng		98
29) 2,4-Dichlorophenol	8.32	162	70419	24.61	ng		97
30) 1,2,4-Trichlorobenzene	8.40	180	73626	22.44	ng		96
31) Naphthalene	8.49	128	249851	23.33	ng		99
32) Benzoic acid	8.20	122	17846	16.40	ng		98
33) 4-Chloroaniline	8.58	127	89489	20.14	ng		98
34) Hexachlorobutadiene	8.65	225	40465	22.47	ng		96
35) Caprolactam	8.99	113	21717	25.43	ng		99
36) 4-Chloro-3-methylphenol	9.20	107	72026	24.95	ng		99
37) 2-Methylnaphthalene	9.34	142	165573	22.77	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	72453	22.50	ng		98
40) Hexachlorocyclopentadiene	9.54	237	63081	48.45	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.71	196	51406	25.32	ng		100
43) 2,4,5-Trichlorophenol	9.76	196	54750	25.81	ng	#	90
45) 1,1'-Biphenyl	9.93	154	203407	23.93	ng		99
46) 2-Chloronaphthalene	9.94	162	154765	23.14	ng		98
47) 2-Nitroaniline	10.09	65	43784	26.46	ng	#	66
48) Acenaphthylene	10.45	152	250894	23.23	ng		100
49) Dimethylphthalate	10.33	163	218909	28.04	ng	#	98
50) 2,6-Dinitrotoluene	10.40	165	40224	25.04	ng	#	67
51) Acenaphthene	10.66	154	141054	23.20	ng		100
52) 3-Nitroaniline	10.59	138	41521	22.74	ng		87
53) 2,4-Dinitrophenol	10.74	184	24627	49.58	ng	#	81
54) Dibenzofuran	10.88	168	226839	24.43	ng		100
55) 4-Nitrophenol	10.84	139	59863	45.74	ng		97
56) 2,4-Dinitrotoluene	10.89	165	53787	25.86	ng	#	83
57) Fluorene	11.30	166	185255	24.61	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	40533	25.77	ng		97
59) Diethylphthalate	11.20	149	172841	22.96	ng		96
60) 4-Chlorophenyl-phenylether	11.31	204	81632	23.57	ng	#	75
61) 4-Nitroaniline	11.34	138	45413	24.60	ng		99
62) Azobenzene	11.50	77	195350	28.44	ng		98
64) 4,6-Dinitro-2-methylphenol	11.39	198	21657	26.57	ng	#	57
65) n-Nitrosodiphenylamine	11.47	169	153906	22.35	ng		98
66) 4-Bromophenyl-phenylether	11.92	248	49890	23.67	ng		92
67) Hexachlorobenzene	11.96	284	52192	22.59	ng	#	82
68) Atrazine	12.15	200	49124	24.63	ng		97
69) Pentachlorophenol	12.23	266	48338	50.37	ng		97
70) Phenanthrene	12.48	178	264687	22.99	ng		99
71) Anthracene	12.55	178	268571	23.67	ng		99
72) Carbazole	12.75	167	253742	23.86	ng		99
73) Di-n-butylphthalate	13.22	149	283201	23.51	ng		100
74) Fluoranthene	13.94	202	279298	23.00	ng		96
76) Benzidine	14.13	184	198375	25.26	ng		99
77) Pyrene	14.21	202	292836	22.87	ng		98
79) Butylbenzylphthalate	15.07	149	122578	25.12	ng	#	80
80) Benzo(a)anthracene	15.71	228	274367	22.61	ng		100
81) 3,3'-Dichlorobenzidine	15.70	252	89924	22.12	ng	#	98
82) Chrysene	15.76	228	261396	22.92	ng		100
83) Bis(2-ethylhexyl)phthalate	15.80	149	176749	23.09	ng	#	96
84) Di-n-octyl phthalate	16.61	149	302796	24.09	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.77	276	289962	22.41	ng	#	85
87) Benzo(b)fluoranthene	17.04	252	262537	21.77	ng		98
88) Benzo(k)fluoranthene	17.07	252	264335m	24.66	ng		
89) Benzo(a)pyrene	17.43	252	251408	23.89	ng	#	97
90) Dibenzo(a,h)anthracene	18.81	278	235588	22.36	ng		99
91) Benzo(g,h,i)perylene	19.14	276	245123	23.20	ng	#	93

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

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