Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079914.D
Acq On : 12 Jun 2015 1:56
Operator : TP/IZ
Sample : G2449-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM1BMSD

Manual Integrations APPROVED
apatel
6/13/2015 8:44:36 AM

Quant Time: Jun 12 09:11:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 08:55:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	57409	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	234146	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	130857	20.00	ng		0.00
63) Phenanthrene-d10	11.96	188	291170	20.00	ng		-0.01
75) Chrysene-d12	14.87	240	328751	20.00	ng		-0.13
86) Perylene-d12	16.73	264	332475	20.00	ng		-0.19
System Monitoring Compounds							
5) 2-Fluorophenol	6.01	112	417522	133.36	ng		0.01
7) Phenol-d6	6.99	99	576882	135.24	ng		0.00
23) Nitrobenzene-d5	7.95	82	333608	94.01	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	171694	130.26	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	639287	68.41	ng		0.00
78) Terphenyl-d14	13.62	244	906567	63.58	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	40582	28.49	ng		94
3) Pyridine	4.12	79	129112	35.37	ng		97
4) n-Nitrosodimethylamine	4.03	42	73245	40.72	ng	#	96
6) Aniline	7.05	93	136654	22.14	ng		100
8) 2-Chlorophenol	7.18	128	169960	44.67	ng		96
9) Benzaldehyde	6.94	77	110679	45.14	ng		98
10) Phenol	7.00	94	213657	45.54	ng		92
11) bis(2-Chloroethyl)ether	7.11	93	156475	41.45	ng		95
12) 1,3-Dichlorobenzene	7.34	146	178288	40.16	ng		99
13) 1,4-Dichlorobenzene	7.42	146	181232	39.31	ng		99
14) 1,2-Dichlorobenzene	7.56	146	166514	40.66	ng		99
15) Benzyl Alcohol	7.52	79	153828	44.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.66	45	237502	42.48	ng		99
17) 2-Methylphenol	7.62	107	151461	45.56	ng		99
18) Hexachloroethane	7.92	117	58077	40.68	ng		97
19) n-Nitroso-di-n-propylamine	7.78	70	123137	40.40	ng		96
20) 3+4-Methylphenols	7.77	107	197453	46.47	ng		97
22) Acetophenone	7.79	105	252805	45.72	ng	#	97
24) Nitrobenzene	7.96	77	162654	43.09	ng		99
25) Isophorone	8.20	82	348140	42.16	ng		100
26) 2-Nitrophenol	8.30	139	61324	46.32	ng		97
27) 2,4-Dimethylphenol	8.31	122	178825	48.31	ng		99
28) bis(2-Chloroethoxy)methane	8.41	93	215121	43.87	ng		98
29) 2,4-Dichlorophenol	8.52	162	147100	47.45	ng		98
30) 1,2,4-Trichlorobenzene	8.63	180	162208	41.17	ng		99
31) Naphthalene	8.71	128	774534	60.52	ng		99
32) Benzoic acid	8.35	122	13782m	16.38	ng		
33) 4-Chloroaniline	8.74	127	88599	17.83	ng		98
34) Hexachlorobutadiene	8.82	225	88521	40.47	ng		94
35) Caprolactam	9.08	113	47348	48.29	ng		98
36) 4-Chloro-3-methylphenol	9.21	107	169157	47.77	ng		96
37) 2-Methylnaphthalene	9.40	142	435526	50.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	173740	39.64	ng		98
40) Hexachlorocyclopentadiene	9.56	237	128891	70.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	115073	42.61	ng		97
43) 2,4,5-Trichlorophenol	9.71	196	129061	43.30	ng		98
45) 1,1'-Biphenyl	9.86	154	443470	41.88	ng		99
46) 2-Chloronaphthalene	9.90	162	348724	38.68	ng		98
47) 2-Nitroaniline	9.98	65	79575	41.71	ng		97
48) Acenaphthylene	10.32	152	630798	41.44	ng		99
49) Dimethylphthalate	10.15	163	451577	43.07	ng		100
50) 2,6-Dinitrotoluene	10.22	165	82264	43.26	ng		97
51) Acenaphthene	10.49	154	368277	42.57	ng		98
52) 3-Nitroaniline	10.39	138	57260	25.99	ng		95
53) 2,4-Dinitrophenol	10.49	184	21970	65.09	ng	#	1
54) Dibenzofuran	10.66	168	610525	48.30	ng		100
55) 4-Nitrophenol	10.54	139	166850	99.08	ng	#	62
56) 2,4-Dinitrotoluene	10.63	165	120190	47.40	ng		95
57) Fluorene	11.02	166	553846	50.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.78	232	104392	46.21	ng		99
59) Diethylphthalate	10.86	149	415723	39.66	ng		100
60) 4-Chlorophenyl-phenylether	10.99	204	199146	40.48	ng		98
61) 4-Nitroaniline	11.00	138	92876	38.67	ng		99
62) Azobenzene	11.15	77	400928	39.75	ng		98
64) 4,6-Dinitro-2-methylphenol	11.04	198	30779	47.01	ng		89
65) n-Nitrosodiphenylamine	11.11	169	374584	39.85	ng		99
66) 4-Bromophenyl-phenylether	11.50	248	134645	41.27	ng		94
67) Hexachlorobenzene	11.58	284	147302	41.38	ng		95
68) Atrazine	11.63	200	122332	42.29	ng		98
69) Pentachlorophenol	11.76	266	140209	83.62	ng		97
70) Phenanthrene	11.99	178	1369273	78.91	ng		98
71) Anthracene	12.04	178	835662	49.76	ng		99
72) Carbazole	12.19	167	746438	45.83	ng		99
73) Di-n-butylphthalate	12.51	149	759281	42.79	ng		99
74) Fluoranthene	13.23	202	1369033	71.36	ng		98
76) Benzidine	13.35	184	353057	38.78	ng		99
77) Pyrene	13.49	202	1284676	62.22	ng		98
79) Butylbenzylphthalate	14.15	149	334970	48.04	ng	#	86
80) Benzo(a)anthracene	14.86	228	1058515	50.71	ng		98
81) 3,3'-Dichlorobenzidine	14.79	252	190293	28.51	ng	#	98
82) Chrysene	14.90	228	921801	50.07	ng		99
83) Bis(2-ethylhexyl)phthalate	14.81	149	518380	46.45	ng	#	96
84) Di-n-octyl phthalate	15.60	149	885895	48.68	ng		98
85) Indeno(1,2,3-cd)pyrene	18.64	276	973621	44.53	ng		99
87) Benzo(b)fluoranthene	16.18	252	1047365m	51.41	ng		
88) Benzo(k)fluoranthene	16.23	252	849985	40.91	ng	#	98
89) Benzo(a)pyrene	16.66	252	956322m	49.36	ng		
90) Dibenzo(a,h)anthracene	18.66	278	734078	38.55	ng		97
91) Benzo(g,h,i)perylene	19.22	276	836683	42.46	ng		98

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

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