Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087772.D
Acq On : 7 Jun 2016 3:26
Operator : UM/SJ
Sample : H3372-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-49-060116MSD

Manual Integrations APPROVED
sohil
6/7/2016 7:23:01 PM

Quant Time: Jun 07 07:18:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107593	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	391633	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	160297	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	245768	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	162745	20.00	ng		-0.02
86) Perylene-d12	15.43	264	143154	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	828406	124.45	ng		0.02
7) Phenol-d6	6.49	99	921064	110.33	ng		0.00
23) Nitrobenzene-d5	7.42	82	637184	94.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	207847	129.17	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1121741	129.70	ng		-0.01
78) Terphenyl-d14	12.96	244	791005	118.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	103299	32.10	ng	#	87
3) Pyridine	3.31	79	189934	22.34	ng		98
4) n-Nitrosodimethylamine	3.24	42	138917	38.69	ng		94
6) Aniline	6.51	93	153622	12.98	ng	#	33
8) 2-Chlorophenol	6.64	128	320483	41.84	ng		96
10) Phenol	6.50	94	278428	29.29	ng		76
11) bis(2-Chloroethyl)ether	6.59	93	286319	41.45	ng		93
12) 1,3-Dichlorobenzene	6.80	146	356667m	43.49	ng		
13) 1,4-Dichlorobenzene	6.87	146	352505	42.83	ng		97
14) 1,2-Dichlorobenzene	7.03	146	335972	43.55	ng		97
15) Benzyl Alcohol	7.00	79	258771	41.96	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	425178	42.21	ng		92
17) 2-Methylphenol	7.12	107	261738	42.56	ng		96
18) Hexachloroethane	7.37	117	103166	35.85	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	238129	45.67	ng	#	88
20) 3+4-Methylphenols	7.27	107	284062	37.70	ng	#	78
22) Acetophenone	7.27	105	403683	45.51	ng	#	89
24) Nitrobenzene	7.44	77	318084	46.95	ng		91
25) Isophorone	7.68	82	580490	47.10	ng		99
26) 2-Nitrophenol	7.76	139	144379	45.87	ng	#	73
27) 2,4-Dimethylphenol	7.79	122	274056	42.01	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	396571	50.73	ng		99
29) 2,4-Dichlorophenol	8.00	162	258210	48.19	ng		95
30) 1,2,4-Trichlorobenzene	8.08	180	374632	66.77	ng		99
31) Naphthalene	8.16	128	854678	44.88	ng		100
32) Benzoic acid	7.92	122	165853	42.14	ng		87
33) 4-Chloroaniline	8.20	127	76274	9.22	ng		98
34) Hexachlorobutadiene	8.28	225	146026	50.06	ng		99
35) Caprolactam	8.58	113	64315	36.54	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	242620	43.78	ng		97
37) 2-Methylnaphthalene	8.86	142	596168	47.41	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	226378	51.24	ng	#	1
40) Hexachlorocyclopentadiene	9.00	237	53052	20.42	ng		99
42) 2,4,6-Trichlorophenol	9.13	196	160132	48.00	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	152360	49.07	ng	#	93
45) 1,1'-Biphenyl	9.31	154	614415	47.23	ng		99
46) 2-Chloronaphthalene	9.34	162	492790	47.59	ng		100
47) 2-Nitroaniline	9.44	65	161035	55.23	ng	#	67
48) Acenaphthylene	9.76	152	781918	48.42	ng		99
49) Dimethylphthalate	9.62	163	662251	56.83	ng		99
50) 2,6-Dinitrotoluene	9.68	165	124686	47.03	ng	#	85
51) Acenaphthene	9.93	154	466148	44.86	ng		100
52) 3-Nitroaniline	9.84	138	107421	35.42	ng		98
53) 2,4-Dinitrophenol	9.94	184	13901	14.87	ng		94
54) Dibenzofuran	10.10	168	688468	48.67	ng		100
55) 4-Nitrophenol	10.01	139	163348	63.02	ng	#	63
56) 2,4-Dinitrotoluene	10.08	165	149415	44.25	ng		92
57) Fluorene	10.44	166	481847	43.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	116255	43.46	ng	#	53
59) Diethylphthalate	10.32	149	600300	51.29	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	222992	61.89	ng		100
61) 4-Nitroaniline	10.46	138	134058	45.98	ng		99
62) Azobenzene	10.59	77	553051	46.95	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	13168	11.25	ng		97
65) n-Nitrosodiphenylamine	10.55	169	412667	51.26	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	142016	58.27	ng		94
67) Hexachlorobenzene	10.98	284	136695	50.16	ng		99
68) Atrazine	11.07	200	75774	31.78	ng		90
69) Pentachlorophenol	11.18	266	127623	78.81	ng		99
70) Phenanthrene	11.39	178	602869	45.24	ng		100
71) Anthracene	11.45	178	689095	51.61	ng		99
72) Carbazole	11.60	167	558355	44.18	ng		100
73) Di-n-butylphthalate	11.94	149	846898	62.50	ng		98
74) Fluoranthene	12.58	202	655535	49.99	ng		98
76) Benzidine	12.70	184	102958	16.04	ng		99
77) Pyrene	12.81	202	676798	58.40	ng		99
79) Butylbenzylphthalate	13.43	149	293849	59.58	ng	#	77
80) Benzo(a)anthracene	13.99	228	517658	55.11	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	123085	46.45	ng	#	94
82) Chrysene	14.03	228	534945	57.22	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	401036	68.33	ng	#	95
84) Di-n-octyl phthalate	14.61	149	714256	65.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	416945	53.96	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	557197m	59.83	ng		
88) Benzo(k)fluoranthene	15.05	252	312636m	40.35	ng		
89) Benzo(a)pyrene	15.37	252	411429	52.56	ng	#	95
90) Dibenzo(a,h)anthracene	16.83	278	352994	52.99	ng		99
91) Benzo(g,h,i)perylene	17.23	276	332798	49.51	ng		98

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

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