Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087128.D
Acq On : 18 May 2016 3:46
Operator : UM/SJ
Sample : H3085-03MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMS

Manual Integrations APPROVED
sohil
5/18/2016 6:59:23 PM

Quant Time: May 18 04:16:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	131352	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	546302	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	254632	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	451492	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	294948	20.00	ng		-0.02
86) Perylene-d12	15.09	264	264405	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1034305	132.35	ng		-0.01
7) Phenol-d6	6.27	99	1507125	143.80	ng		-0.01
23) Nitrobenzene-d5	7.18	82	1055142	96.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	362769	128.92	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	1495745	97.29	ng		-0.01
78) Terphenyl-d14	12.70	244	1397383	107.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	150556	37.45	ng	#	70
3) Pyridine	2.71	79	420550	43.25	ng	#	65
4) n-Nitrosodimethylamine	2.67	42	331676	48.13	ng	#	48
6) Aniline	6.26	93	298892	22.45	ng	#	71
8) 2-Chlorophenol	6.39	128	432021	45.44	ng		99
9) Benzaldehyde	6.15	77	32985	4.42	ng		97
10) Phenol	6.28	94	495904	37.64	ng		94
11) bis(2-Chloroethyl)ether	6.34	93	462848	46.79	ng		88
12) 1,3-Dichlorobenzene	6.52	146	434319	42.97	ng	#	89
13) 1,4-Dichlorobenzene	6.60	146	441855m	42.73	ng		
14) 1,2-Dichlorobenzene	6.76	146	418511	46.23	ng		100
15) Benzyl Alcohol	6.76	79	389337	49.90	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	906344	44.56	ng		69
17) 2-Methylphenol	6.89	107	351291	44.99	ng	#	78
18) Hexachloroethane	7.10	117	169882	42.97	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	341850	42.91	ng	#	67
20) 3+4-Methylphenols	7.05	107	485657	47.15	ng	#	58
22) Acetophenone	7.02	105	626207	46.84	ng	#	97
24) Nitrobenzene	7.19	77	480905	40.18	ng		95
25) Isophorone	7.43	82	896930	44.70	ng		97
26) 2-Nitrophenol	7.51	139	236246	47.65	ng	#	78
27) 2,4-Dimethylphenol	7.56	122	357972	42.31	ng		87
28) bis(2-Chloroethoxy)methane	7.64	93	521034	47.30	ng	#	97
29) 2,4-Dichlorophenol	7.76	162	367674	49.31	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	388126	46.91	ng		97
31) Naphthalene	7.91	128	1276289	47.81	ng		100
32) Benzoic acid	7.68	122	18488	3.67	ng		89
33) 4-Chloroaniline	7.98	127	135628	12.22	ng		96
34) Hexachlorobutadiene	8.02	225	214796	45.75	ng		97
35) Caprolactam	8.35	113	114603m	46.16	ng		
36) 4-Chloro-3-methylphenol	8.48	107	399120	44.38	ng		90
37) 2-Methylnaphthalene	8.59	142	757581m	44.37	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	352514	47.40	ng		96
40) Hexachlorocyclopentadiene	8.75	237	249697	86.26	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	235958	48.92	ng		95
43) 2,4,5-Trichlorophenol	8.94	196	223796	44.67	ng	#	81
45) 1,1'-Biphenyl	9.06	154	942559	44.64	ng		96
46) 2-Chloronaphthalene	9.08	162	747623	46.12	ng		94
47) 2-Nitroaniline	9.20	65	324530	52.25	ng		86
48) Acenaphthylene	9.50	152	1143499	46.20	ng		99
49) Dimethylphthalate	9.38	163	1137497	58.56	ng		99
50) 2,6-Dinitrotoluene	9.44	165	183242	43.45	ng	#	75
51) Acenaphthene	9.67	154	734379	47.49	ng		98
52) 3-Nitroaniline	9.61	138	135876	29.76	ng		92
53) 2,4-Dinitrophenol	9.72	184	146346	61.71	ng		89
54) Dibenzofuran	9.84	168	991310	49.58	ng		95
55) 4-Nitrophenol	9.80	139	198040m	66.49	ng		
56) 2,4-Dinitrotoluene	9.85	165	261323	48.38	ng	#	65
57) Fluorene	10.18	166	811491	50.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	194443	49.83	ng		96
59) Diethylphthalate	10.07	149	863053	46.54	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	334153	43.88	ng		94
61) 4-Nitroaniline	10.23	138	202925	45.01	ng	#	69
62) Azobenzene	10.33	77	988137	46.24	ng		84
64) 4,6-Dinitro-2-methylphenol	10.26	198	130605	43.92	ng		86
65) n-Nitrosodiphenylamine	10.30	169	692356	48.73	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	228720	49.26	ng		94
67) Hexachlorobenzene	10.72	284	249788	46.40	ng	#	61
68) Atrazine	10.83	200	204395	44.10	ng		95
69) Pentachlorophenol	10.94	266	214627	106.14	ng		97
70) Phenanthrene	11.13	178	1073558	43.84	ng		100
71) Anthracene	11.19	178	1213486	48.99	ng		100
72) Carbazole	11.35	167	989791	43.75	ng		98
73) Di-n-butylphthalate	11.68	149	1270584	48.89	ng	#	98
74) Fluoranthene	12.32	202	1223137	49.85	ng		91
76) Benzidine	12.44	184	203063	21.33	ng		97
77) Pyrene	12.54	202	1093238	51.31	ng		100
79) Butylbenzylphthalate	13.16	149	506311	56.29	ng	#	61
80) Benzo(a)anthracene	13.73	228	830048	48.67	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	139543	12.86	ng	#	94
82) Chrysene	13.76	228	722164	43.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	613449	56.04	ng	#	99
84) Di-n-octyl phthalate	14.34	149	1012840	53.71	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.34	276	765351	52.84	ng		94
87) Benzo(b)fluoranthene	14.73	252	896020m	51.08	ng		
88) Benzo(k)fluoranthene	14.75	252	566025m	43.34	ng		
89) Benzo(a)pyrene	15.04	252	696321	47.49	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	639262	51.78	ng	#	95
91) Benzo(g,h,i)perylene	16.71	276	658907	52.85	ng	#	89

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

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