Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092243.D
Acq On : 13 Jan 2017 12:21
Operator : UM/SJ
Sample : I1131-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Manual Integrations APPROVED
Sohil
1/16/2017 8:38:40 AM

Quant Time: Jan 13 13:25:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 12:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	185929	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	731123	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	349176	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	491960	20.00	ng		0.00
75) Chrysene-d12	13.73	240	300107	20.00	ng		0.00
86) Perylene-d12	15.09	264	335149	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1863995	167.40	ng		0.02
7) Phenol-d6	6.27	99	2019377	148.54	ng		0.01
23) Nitrobenzene-d5	7.17	82	1327208	100.94	ng		0.01
41) 2,4,6-Tribromophenol	10.42	330	340903	117.97	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	1854933	113.11	ng		0.01
78) Terphenyl-d14	12.69	244	1315159	106.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	236076	43.06	ng		96
3) Pyridine	2.70	79	735928	38.46	ng		94
4) n-Nitrosodimethylamine	2.67	42	313714	43.47	ng		100
6) Aniline	6.26	93	335525	19.00	ng	#	64
8) 2-Chlorophenol	6.38	128	588997	46.50	ng		95
9) Benzaldehyde	6.13	77	47077	4.44	ng		95
10) Phenol	6.28	94	833259	53.79	ng	#	67
11) bis(2-Chloroethyl)ether	6.34	93	565866	45.91	ng		99
12) 1,3-Dichlorobenzene	6.53	146	599778	44.36	ng		98
13) 1,4-Dichlorobenzene	6.61	146	592338m	43.04	ng		
14) 1,2-Dichlorobenzene	6.76	146	544032	45.56	ng		100
15) Benzyl Alcohol	6.75	79	471545	44.64	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	812463	44.26	ng	#	38
17) 2-Methylphenol	6.88	107	463762	45.53	ng	#	90
18) Hexachloroethane	7.10	117	216782	42.49	ng		91
19) n-Nitroso-di-n-propylamine	7.02	70	413206	45.69	ng		99
20) 3+4-Methylphenols	7.04	107	665006	54.73	ng	#	72
22) Acetophenone	7.01	105	885303	49.09	ng	#	93
24) Nitrobenzene	7.18	77	590688	42.18	ng		99
25) Isophorone	7.43	82	1172834	48.35	ng		97
26) 2-Nitrophenol	7.50	139	341128	49.40	ng		91
27) 2,4-Dimethylphenol	7.56	122	548787	47.91	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	795512	54.08	ng		98
29) 2,4-Dichlorophenol	7.75	162	514965	53.09	ng		89
30) 1,2,4-Trichlorobenzene	7.82	180	486444	45.77	ng		96
31) Naphthalene	7.90	128	1602280	47.88	ng		99
32) Benzoic acid	7.67	122	39180	4.61	ng		93
33) 4-Chloroaniline	7.96	127	150178	9.95	ng		97
34) Hexachlorobutadiene	8.02	225	245143	43.69	ng		98
35) Caprolactam	8.35	113	139786m	43.86	ng		
36) 4-Chloro-3-methylphenol	8.47	107	493584	44.22	ng		97
37) 2-Methylnaphthalene	8.59	142	908500	44.69	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	416550	47.22	ng		99
40) Hexachlorocyclopentadiene	8.75	237	181036	47.76	ng		98

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Quant Time: Jan 13 13:25:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	283709	45.98	ng		98
43) 2,4,5-Trichlorophenol	8.93	196	265567	41.83	ng		95
45) 1,1'-Biphenyl	9.06	154	1140818	47.72	ng		98
46) 2-Chloronaphthalene	9.08	162	885993	46.79	ng		97
47) 2-Nitroaniline	9.18	65	263277	39.05	ng		99
48) Acenaphthylene	9.49	152	1318461	45.28	ng		99
49) Dimethylphthalate	9.38	163	1594973	71.42	ng		100
50) 2,6-Dinitrotoluene	9.43	165	248851	50.91	ng		96
51) Acenaphthene	9.66	154	871022	44.12	ng		98
52) 3-Nitroaniline	9.59	138	131162	21.68	ng		99
53) 2,4-Dinitrophenol	9.72	184	117490	43.20	ng		94
54) Dibenzofuran	9.83	168	1153736	43.28	ng		98
55) 4-Nitrophenol	9.80	139	275586m	67.10	ng		
56) 2,4-Dinitrotoluene	9.83	165	245487	40.01	ng	#	73
57) Fluorene	10.18	166	931054	48.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	226580	45.12	ng		97
59) Diethylphthalate	10.06	149	941255	43.40	ng		100
60) 4-Chlorophenyl-phenylether	10.16	204	371615	43.76	ng		97
61) 4-Nitroaniline	10.21	138	208231	33.22	ng		96
62) Azobenzene	10.32	77	1030154	43.14	ng		99
64) 4,6-Dinitro-2-methylphenol	10.24	198	125879	42.31	ng		76
65) n-Nitrosodiphenylamine	10.29	169	736231	50.43	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	269083	52.58	ng	#	91
67) Hexachlorobenzene	10.72	284	256104	46.82	ng	#	84
68) Atrazine	10.83	200	232013	49.27	ng		97
69) Pentachlorophenol	10.92	266	215671	80.35	ng		98
70) Phenanthrene	11.12	178	1335090	50.05	ng		99
71) Anthracene	11.18	178	1362154	72.66	ng		98
72) Carbazole	11.34	167	1131022	61.76	ng		98
73) Di-n-butylphthalate	11.68	149	1412291	56.96	ng	#	96
74) Fluoranthene	12.31	202	1582548	69.72	ng		91
76) Benzidine	12.44	184	229803	27.15	ng		96
77) Pyrene	12.53	202	1347592	61.20	ng		99
79) Butylbenzylphthalate	13.17	149	515979	51.52	ng	#	81
80) Benzo(a)anthracene	13.72	228	1044048	61.63	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	207075	32.24	ng		98
82) Chrysene	13.75	228	897742	52.83	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	651390	55.23	ng		99
84) Di-n-octyl phthalate	14.34	149	1170005	53.55	ng		98
85) Indeno(1,2,3-cd)pyrene	16.34	276	882157	59.93	ng		99
87) Benzo(b)fluoranthene	14.73	252	1103700m	52.89	ng		
88) Benzo(k)fluoranthene	14.75	252	814425m	45.77	ng		
89) Benzo(a)pyrene	15.03	252	980146	52.92	ng		99
90) Dibenzo(a,h)anthracene	16.35	278	693783	45.58	ng		96
91) Benzo(g,h,i)perylene	16.70	276	729920	46.11	ng		96

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

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