Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093044.D
Acq On : 20 Feb 2017 22:32
Operator : SJ/MA
Sample : I1878-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-2MSD

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:38 PM

Quant Time: Feb 21 00:20:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	145428m	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	577057	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	283332	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	517545	20.00	ng		0.00
75) Chrysene-d12	14.01	240	394695	20.00	ng		-0.01
86) Perylene-d12	15.44	264	293564	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1129326	133.23	ng		0.01
7) Phenol-d6	6.50	99	1375936	126.15	ng		0.01
23) Nitrobenzene-d5	7.42	82	1034806	99.86	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	326499	159.33	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1655088	105.83	ng		0.00
78) Terphenyl-d14	12.96	244	1432021	85.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	159505	34.82	ng	#	72
3) Pyridine	3.28	79	385336	33.08	ng		86
4) n-Nitrosodimethylamine	3.20	42	237787	43.48	ng		88
6) Aniline	6.51	93	190675m	12.82	ng		
8) 2-Chlorophenol	6.64	128	443867	47.46	ng		98
9) Benzaldehyde	6.40	77	69758	8.93	ng		99
10) Phenol	6.51	94	465752m	36.50	ng		
11) bis(2-Chloroethyl)ether	6.59	93	477308	46.86	ng		99
12) 1,3-Dichlorobenzene	6.78	146	463474m	42.31	ng		
13) 1,4-Dichlorobenzene	6.86	146	488528	44.07	ng		97
14) 1,2-Dichlorobenzene	7.02	146	443789	41.86	ng	#	94
15) Benzyl Alcohol	7.00	79	378289	46.85	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	788206	44.54	ng		99
17) 2-Methylphenol	7.12	107	375310	46.78	ng		95
18) Hexachloroethane	7.36	117	162069m	42.83	ng		
19) n-Nitroso-di-n-propylamine	7.26	70	320913	46.22	ng		95
20) 3+4-Methylphenols	7.28	107	437957	45.66	ng	#	82
22) Acetophenone	7.26	105	600248	45.56	ng	#	96
24) Nitrobenzene	7.44	77	460152	43.25	ng		98
25) Isophorone	7.68	82	904329	46.83	ng		95
26) 2-Nitrophenol	7.76	139	253293	50.08	ng		94
27) 2,4-Dimethylphenol	7.80	122	429301	48.33	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	602379	47.10	ng		100
29) 2,4-Dichlorophenol	8.01	162	387346	46.75	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	393932	44.12	ng	#	94
31) Naphthalene	8.16	128	1293533	44.22	ng		99
32) Benzoic acid	7.94	122	246495	48.83	ng		89
33) 4-Chloroaniline	8.21	127	111466	9.72	ng		99
34) Hexachlorobutadiene	8.28	225	212299	43.22	ng		96
35) Caprolactam	8.59	113	94443m	36.24	ng		
36) 4-Chloro-3-methylphenol	8.70	107	402092	46.55	ng		99
37) 2-Methylnaphthalene	8.85	142	867833	46.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	409085	51.44	ng		99
40) Hexachlorocyclopentadiene	9.00	237	310532	86.54	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	289973	55.49	ng		93
43) 2,4,5-Trichlorophenol	9.18	196	279600	48.83	ng	#	90
45) 1,1'-Biphenyl	9.32	154	1107149	53.96	ng		99
46) 2-Chloronaphthalene	9.34	162	862325	53.73	ng		99
47) 2-Nitroaniline	9.45	65	292811	54.26	ng	#	78
48) Acenaphthylene	9.76	152	1272653	45.90	ng		99
49) Dimethylphthalate	9.63	163	1030469	54.00	ng		99
50) 2,6-Dinitrotoluene	9.69	165	239520	58.12	ng		96
51) Acenaphthene	9.93	154	764965	46.15	ng		98
52) 3-Nitroaniline	9.85	138	87151	18.48	ng		87
53) 2,4-Dinitrophenol	9.97	184	238082	111.57	ng		94
54) Dibenzofuran	10.10	168	1072600	48.38	ng		97
55) 4-Nitrophenol	10.03	139	279238	82.20	ng		92
56) 2,4-Dinitrotoluene	10.09	165	269129	49.05	ng	#	91
57) Fluorene	10.44	166	862348	50.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	233797	61.21	ng		94
59) Diethylphthalate	10.32	149	930201	51.72	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	378817	46.23	ng		93
61) 4-Nitroaniline	10.46	138	230071	47.62	ng		93
62) Azobenzene	10.59	77	1015403	54.65	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	164035	51.84	ng	#	60
65) n-Nitrosodiphenylamine	10.56	169	795422	48.11	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	240695	44.51	ng		95
67) Hexachlorobenzene	10.99	284	256051	47.92	ng		99
68) Atrazine	11.08	200	228990	43.16	ng		99
69) Pentachlorophenol	11.18	266	261743	93.55	ng		97
70) Phenanthrene	11.40	178	1319429	44.50	ng		99
71) Anthracene	11.45	178	1359825	45.67	ng		98
72) Carbazole	11.61	167	1109230	38.97	ng		99
73) Di-n-butylphthalate	11.94	149	1589294	51.63	ng	#	97
74) Fluoranthene	12.59	202	1404925	45.94	ng		92
76) Benzidine	12.70	184	62499	3.72	ng		96
77) Pyrene	12.82	202	1386036	46.92	ng		98
79) Butylbenzylphthalate	13.42	149	631862	52.68	ng		96
80) Benzo(a)anthracene	14.00	228	1051976	43.58	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	166892	19.39	ng	#	96
82) Chrysene	14.04	228	1020134	45.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	825795	50.34	ng		99
84) Di-n-octyl phthalate	14.60	149	1483345	55.53	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	830843	47.46	ng		95
87) Benzo(b)fluoranthene	15.03	252	1143318m	59.17	ng		
88) Benzo(k)fluoranthene	15.06	252	654808m	39.25	ng		
89) Benzo(a)pyrene	15.38	252	817460	48.91	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	693727	51.36	ng		97
91) Benzo(g,h,i)perylene	17.27	276	722652	52.96	ng	#	91

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

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