Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093018.D
Acq On : 17 Feb 2017 18:47
Operator : SJ/MA
Sample : I1879-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-3MS

Manual Integrations APPROVED
mohammad
2/20/2017 12:59:48 PM

Quant Time: Feb 17 23:21:31 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	6.85	152	162728	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	664708	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	317195	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	573980	20.00	ng		0.00
75) Chrysene-d12	14.02	240	487506	20.00	ng		0.00
86) Perylene-d12	15.45	264	359522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1446980	152.55	ng		0.01
7) Phenol-d6	6.51	99	1933675	158.44	ng		0.02
23) Nitrobenzene-d5	7.42	82	1160082	97.19	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	392064	170.90	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1644662	93.94	ng		0.00
78) Terphenyl-d14	12.97	244	1592125	76.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	194889	38.03	ng	#	84
3) Pyridine	3.22	79	333554	25.59	ng	#	84
4) n-Nitrosodimethylamine	3.17	42	283828	46.38	ng		88
6) Aniline	6.52	93	297441	17.87	ng	#	32
8) 2-Chlorophenol	6.65	128	501778	47.95	ng		95
9) Benzaldehyde	6.40	77	108421	12.40	ng		87
10) Phenol	6.52	94	792091	55.47	ng	#	75
11) bis(2-Chloroethyl)ether	6.60	93	527401	46.28	ng		99
12) 1,3-Dichlorobenzene	6.80	146	535337m	43.68	ng		
13) 1,4-Dichlorobenzene	6.88	146	565064	45.55	ng		95
14) 1,2-Dichlorobenzene	7.02	146	472502	39.83	ng		98
15) Benzyl Alcohol	7.00	79	392089	43.40	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	835505	42.20	ng		94
17) 2-Methylphenol	7.13	107	447776	49.88	ng		97
18) Hexachloroethane	7.37	117	183096	43.24	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	343597	44.23	ng		95
20) 3+4-Methylphenols	7.28	107	471792	43.96	ng		90
22) Acetophenone	7.28	105	653197	43.04	ng	#	92
24) Nitrobenzene	7.45	77	590163	48.15	ng		94
25) Isophorone	7.69	82	1031866	46.39	ng		98
26) 2-Nitrophenol	7.76	139	282644	48.51	ng		92
27) 2,4-Dimethylphenol	7.80	122	440795	43.08	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	601862	40.86	ng		99
29) 2,4-Dichlorophenol	8.01	162	458839	48.08	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	460166	44.75	ng		97
31) Naphthalene	8.17	128	1444321	42.86	ng		99
32) Benzoic acid	7.93	122	162387	30.99	ng		96
33) 4-Chloroaniline	8.21	127	134345	10.17	ng		96
34) Hexachlorobutadiene	8.28	225	236093	41.73	ng		98
35) Caprolactam	8.59	113	135730m	45.22	ng		
36) 4-Chloro-3-methylphenol	8.70	107	471028	47.34	ng		100
37) 2-Methylnaphthalene	8.85	142	902989	41.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	437120	49.09	ng		100
40) Hexachlorocyclopentadiene	9.00	237	320291	79.73	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	320371	54.76	ng		93
43) 2,4,5-Trichlorophenol	9.18	196	307691	48.00	ng	#	88
45) 1,1'-Biphenyl	9.32	154	1183964	51.55	ng		98
46) 2-Chloronaphthalene	9.34	162	885866	49.30	ng		97
47) 2-Nitroaniline	9.45	65	339855	56.26	ng	#	85
48) Acenaphthylene	9.76	152	1351452	43.54	ng		99
49) Dimethylphthalate	9.63	163	1445692	67.67	ng		100
50) 2,6-Dinitrotoluene	9.69	165	224950	48.75	ng	#	82
51) Acenaphthene	9.93	154	874811	47.14	ng		96
52) 3-Nitroaniline	9.86	138	138709	26.27	ng	#	75
53) 2,4-Dinitrophenol	9.96	184	188377	80.24	ng	#	57
54) Dibenzofuran	10.10	168	1150236	46.34	ng		98
55) 4-Nitrophenol	10.03	139	328771	86.45	ng		93
56) 2,4-Dinitrotoluene	10.10	165	308221	50.18	ng	#	81
57) Fluorene	10.44	166	849321	44.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246330	57.60	ng		97
59) Diethylphthalate	10.33	149	1052885	52.29	ng		94
60) 4-Chlorophenyl-phenylether	10.43	204	417264	45.48	ng		98
61) 4-Nitroaniline	10.48	138	264676	48.94	ng		88
62) Azobenzene	10.59	77	1130660	54.35	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	150516	43.36	ng	#	46
65) n-Nitrosodiphenylamine	10.56	169	778443	42.45	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	250230	41.73	ng		95
67) Hexachlorobenzene	10.99	284	249666	42.13	ng	#	88
68) Atrazine	11.08	200	256390	43.57	ng		100
69) Pentachlorophenol	11.18	266	274823	88.95	ng		96
70) Phenanthrene	11.40	178	1289555	39.21	ng		99
71) Anthracene	11.46	178	1514757	45.87	ng		98
72) Carbazole	11.61	167	1287445	40.78	ng		99
73) Di-n-butylphthalate	11.94	149	1467432	42.98	ng	#	98
74) Fluoranthene	12.59	202	1406703	41.47	ng		97
76) Benzidine	12.72	184	211732	10.19	ng		95
77) Pyrene	12.82	202	1406161	38.54	ng		99
79) Butylbenzylphthalate	13.44	149	708551	47.83	ng		89
80) Benzo(a)anthracene	14.01	228	1106504	37.11	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	250852	23.60	ng	#	94
82) Chrysene	14.04	228	1030498	36.91	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	929579	45.88	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1536541	46.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	878888	40.64	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1042801m	44.07	ng		
88) Benzo(k)fluoranthene	15.06	252	901616m	44.13	ng		
89) Benzo(a)pyrene	15.39	252	923459	45.11	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	741441	44.82	ng		96
91) Benzo(g,h,i)perylene	17.28	276	757976	45.35	ng	#	91

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

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