Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096397.D
Acq On : 1 Jul 2017 23:48
Operator : SJ/MA
Sample : I3959-10MS 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BU-03-062717-DMS

Manual Integrations APPROVED
mohammad
7/3/2017 4:03:07 PM

Quant Time: Jul 03 13:49:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	106731	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	443714	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	160005	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	241125	20.00	ng		0.00
75) Chrysene-d12	13.87	240	253044	20.00	ng		0.00
86) Perylene-d12	15.29	264	168267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	222175	30.72	ng		0.00
7) Phenol-d6	6.36	99	298511	33.58	ng		-0.01
23) Nitrobenzene-d5	7.29	82	163950	22.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	13516	10.81	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	331539	35.43	ng		0.00
78) Terphenyl-d14	12.83	244	284422	24.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	32346	9.433	ng	#	80
3) Pyridine	3.11	79	78203	8.312	ng	#	64
4) n-Nitrosodimethylamine	3.02	42	47274	10.180	ng	#	75
6) Aniline	6.39	93	98615	8.583	ng		98
8) 2-Chlorophenol	6.52	128	70661	9.163	ng		97
9) Benzaldehyde	6.27	77	36278	6.521	ng		98
10) Phenol	6.37	94	110645	10.925	ng		92
11) bis(2-Chloroethyl)ether	6.46	93	83795	10.706	ng		95
12) 1,3-Dichlorobenzene	6.67	146	99791	12.342	ng		97
13) 1,4-Dichlorobenzene	6.75	146	95586	11.828	ng		96
14) 1,2-Dichlorobenzene	6.90	146	99116	13.358	ng		96
15) Benzyl Alcohol	6.87	79	76823	12.928	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	199317	12.527	ng		90
17) 2-Methylphenol	6.99	107	71594	11.650	ng		97
18) Hexachloroethane	7.25	117	22335	7.623	ng	#	86
19) n-Nitroso-di-n-propylamine	7.14	70	55528	10.485	ng	#	79
20) 3+4-Methylphenols	7.14	107	81518	11.892	ng		95
22) Acetophenone	7.13	105	112651	11.619	ng	#	94
24) Nitrobenzene	7.30	77	77317	9.981	ng		94
25) Isophorone	7.55	82	160035	11.178	ng		94
26) 2-Nitrophenol	7.63	139	13185	3.216	ng	#	88
27) 2,4-Dimethylphenol	7.67	122	80760	11.568	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	119403	12.634	ng		96
29) 2,4-Dichlorophenol	7.87	162	49353	8.194	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	70679	12.439	ng		98
31) Naphthalene	8.04	128	308314	14.718	ng		99
33) 4-Chloroaniline	8.08	127	89072	10.237	ng		96
34) Hexachlorobutadiene	8.16	225	37329	12.809	ng		97
35) Caprolactam	8.40	113	19101	9.196	ng	#	69
36) 4-Chloro-3-methylphenol	8.56	107	65822	9.876	ng		88
37) 2-Methylnaphthalene	8.73	142	174107	13.057	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	58749	14.141	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	18482	5.687	ng		97
45) 1,1'-Biphenyl	9.19	154	184715	13.473	ng		96

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46) 2-Chloronaphthalene	9.21	162	134523	13.167	ng		94
47) 2-Nitroaniline	9.30	65	49702	13.370	ng		97
48) Acenaphthylene	9.63	152	207128	12.794	ng		97
49) Dimethylphthalate	9.49	163	197284	16.517	ng		99
50) 2,6-Dinitrotoluene	9.55	165	25687	9.725	ng	#	93
51) Acenaphthene	9.80	154	135104	13.539	ng		98
52) 3-Nitroaniline	9.71	138	40988	12.441	ng		91
54) Dibenzofuran	9.97	168	198438	15.062	ng		97
56) 2,4-Dinitrotoluene	9.95	165	27532	8.231	ng	#	84
57) Fluorene	10.31	166	159839	17.178	ng		98
59) Diethylphthalate	10.19	149	146119	12.942	ng		100
60) 4-Chlorophenyl-phenylether	10.31	204	55263	13.650	ng		91
61) 4-Nitroaniline	10.31	138	41788	13.950	ng		89
62) Azobenzene	10.46	77	114855	10.521	ng		92
65) n-Nitrosodiphenylamine	10.42	169	105253	12.441	ng		97
66) 4-Bromophenyl-phenylether	10.79	248	30405	12.953	ng		96
67) Hexachlorobenzene	10.86	284	32746	12.744	ng	#	90
68) Atrazine	10.94	200	30389	12.573	ng		93
70) Phenanthrene	11.27	178	331371	25.422	ng		99
71) Anthracene	11.32	178	228974	17.238	ng		98
72) Carbazole	11.47	167	190668	14.273	ng		98
73) Di-n-butylphthalate	11.82	149	210874	13.033	ng	#	98
74) Fluoranthene	12.45	202	359362	28.120	ng		98
76) Benzidine	12.57	184	100293	8.260	ng	#	93
77) Pyrene	12.68	202	381072	18.762	ng		99
79) Butylbenzylphthalate	13.30	149	115734	11.256	ng	#	80
80) Benzo(a)anthracene	13.86	228	267845	18.279	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	60496	10.052	ng	#	96
82) Chrysene	13.90	228	250623	16.332	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	153409	13.367	ng		100
84) Di-n-octyl phthalate	14.48	149	286657	12.683	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.65	276	127482	10.525	ng	#	93
87) Benzo(b)fluoranthene	14.89	252	209270	19.848	ng	#	96
88) Benzo(k)fluoranthene	14.91	252	145340	15.410	ng		99
89) Benzo(a)pyrene	15.23	252	167699	17.815	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	91491	12.355	ng	#	95
91) Benzo(g,h,i)perylene	17.06	276	113458	14.785	ng		94

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

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