Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094320.D
Acq On : 10 Apr 2017 19:22
Operator : SJ/MA
Sample : I2601-09MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-26-S1(0-2)MS

Manual Integrations APPROVED
mohammad
4/11/2017 12:53:18 PM

Quant Time: Apr 11 01:56:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	164454	20.00	ng		-0.02
21) Naphthalene-d8	7.35	136	663622	20.00	ng		-0.02
38) Acenaphthene-d10	9.49	164	297343	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	506331	20.00	ng		-0.02
75) Chrysene-d12	14.56	240	371952	20.00	ng		-0.01
86) Perylene-d12	16.18	264	272122	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.40	112	1213717	124.65	ng		0.02
7) Phenol-d6	5.48	99	1556520	129.22	ng		0.02
23) Nitrobenzene-d5	6.49	82	995391	85.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	325334	138.46	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	1698298	87.12	ng		-0.02
78) Terphenyl-d14	13.29	244	1368941	82.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	166641	35.62	ng		97
3) Pyridine	2.72	79	202592	15.89	ng		99
4) n-Nitrosodimethylamine	2.67	42	231409	44.11	ng		90
6) Aniline	5.46	93	457006	27.28	ng		97
8) 2-Chlorophenol	5.62	128	498844	46.61	ng		98
9) Benzaldehyde	5.33	77	187644	23.07	ng		97
10) Phenol	5.50	94	695939	50.77	ng		90
11) bis(2-Chloroethyl)ether	5.55	93	483879	45.17	ng		99
12) 1,3-Dichlorobenzene	5.77	146	532198	44.33	ng		99
13) 1,4-Dichlorobenzene	5.86	146	536351	44.11	ng		96
14) 1,2-Dichlorobenzene	6.03	146	485805	43.39	ng		97
15) Benzyl Alcohol	6.02	79	384888	43.66	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	630332	38.19	ng	#	42
17) 2-Methylphenol	6.17	107	403656	44.04	ng	#	87
18) Hexachloroethane	6.43	117	190094	44.48	ng	#	85
19) n-Nitroso-di-n-propylamine	6.33	70	364478	47.08	ng		96
20) 3+4-Methylphenols	6.36	107	557507	50.22	ng	#	63
22) Acetophenone	6.32	105	703035	47.53	ng	#	86
24) Nitrobenzene	6.52	77	509043	44.39	ng		94
25) Isophorone	6.80	82	901306	44.11	ng		95
26) 2-Nitrophenol	6.89	139	282096	51.58	ng		99
27) 2,4-Dimethylphenol	6.97	122	444690	47.19	ng		99
28) bis(2-Chloroethoxy)methane	7.06	93	595697	44.21	ng		99
29) 2,4-Dichlorophenol	7.20	162	423201	48.03	ng		97
30) 1,2,4-Trichlorobenzene	7.28	180	415482	45.78	ng		98
31) Naphthalene	7.37	128	1398334	43.82	ng		99
32) Benzoic acid	7.14	122	170416	27.16	ng		98
33) 4-Chloroaniline	7.44	127	344990	26.68	ng		95
34) Hexachlorobutadiene	7.52	225	204752	43.99	ng		98
35) Caprolactam	7.89	113	129064m	45.93	ng		
36) 4-Chloro-3-methylphenol	8.08	107	438578	47.63	ng		88
37) 2-Methylnaphthalene	8.22	142	965990	45.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	358118	44.03	ng		98
40) Hexachlorocyclopentadiene	8.41	237	346349	90.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	277695	48.25	ng		97
43) 2,4,5-Trichlorophenol	8.63	196	281953	45.28	ng		96
45) 1,1'-Biphenyl	8.79	154	1063418	44.34	ng		98
46) 2-Chloronaphthalene	8.81	162	847728	45.15	ng		95
47) 2-Nitroaniline	8.94	65	260571	46.79	ng		89
48) Acenaphthylene	9.32	152	1299074	41.63	ng		100
49) Dimethylphthalate	9.18	163	1425820	67.46	ng		100
50) 2,6-Dinitrotoluene	9.25	165	228217	47.10	ng	#	89
51) Acenaphthene	9.53	154	790285	43.41	ng		100
52) 3-Nitroaniline	9.45	138	190833	33.54	ng		92
53) 2,4-Dinitrophenol	9.59	184	198478	76.75	ng	#	71
54) Dibenzofuran	9.74	168	1098458	44.32	ng		98
55) 4-Nitrophenol	9.73	139	477098m	107.08	ng		
56) 2,4-Dinitrotoluene	9.74	165	263039	43.22	ng	#	60
57) Fluorene	10.16	166	843698	41.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	204438	47.85	ng		97
59) Diethylphthalate	10.05	149	963164	46.11	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	364077	41.58	ng		91
61) 4-Nitroaniline	10.21	138	236142	43.25	ng		95
62) Azobenzene	10.36	77	933145	47.22	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	152076	49.04	ng	#	77
65) n-Nitrosodiphenylamine	10.32	169	804643	45.95	ng		97
66) 4-Bromophenyl-phenylether	10.76	248	229295	46.04	ng		93
67) Hexachlorobenzene	10.84	284	233728	46.37	ng	#	89
68) Atrazine	11.00	200	236604	45.11	ng		97
69) Pentachlorophenol	11.10	266	222295	70.85	ng		97
70) Phenanthrene	11.34	178	1253070	44.49	ng		99
71) Anthracene	11.40	178	1299122	44.80	ng		98
72) Carbazole	11.61	167	1220095	41.03	ng		98
73) Di-n-butylphthalate	12.05	149	1446746	46.78	ng		100
74) Fluoranthene	12.80	202	1268270	43.97	ng		98
76) Benzidine	12.97	184	95143	6.46	ng	#	92
77) Pyrene	13.07	202	1276748	47.30	ng		99
79) Butylbenzylphthalate	13.89	149	602686	52.40	ng	#	85
80) Benzo(a)anthracene	14.54	228	979445	45.16	ng		99
81) 3,3'-Dichlorobenzidine	14.52	252	236734	30.54	ng	#	96
82) Chrysene	14.59	228	849920	42.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.61	149	813633	51.85	ng	#	98
84) Di-n-octyl phthalate	15.36	149	1283548	48.96	ng		97
85) Indeno(1,2,3-cd)pyrene	17.51	276	753585	43.23	ng		98
87) Benzo(b)fluoranthene	15.78	252	802778	48.13	ng		98
88) Benzo(k)fluoranthene	15.82	252	682261m	41.80	ng		
89) Benzo(a)pyrene	16.13	252	694943	45.24	ng		98
90) Dibenzo(a,h)anthracene	17.53	278	630822	48.49	ng		98
91) Benzo(g,h,i)perylene	17.90	276	649571	49.55	ng		98

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

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