Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095044.D
Acq On : 10 May 2017 3:04
Operator : SJ/MA
Sample : I3027-14MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-8-9-COMPMSD

Manual Integrations APPROVED
mohammad
5/10/2017 11:47:33 AM

Quant Time: May 10 05:39:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	89186	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	384475	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	171778	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	279861	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	186864	20.00	ng		-0.02
86) Perylene-d12	20.30	264	167252	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	957631	179.02	ng		0.00
7) Phenol-d6	7.27	99	1137691	177.25	ng		0.00
23) Nitrobenzene-d5	8.62	82	680386	111.59	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	187053	132.96	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1209833	101.37	ng		-0.02
78) Terphenyl-d14	17.29	244	804358	94.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	120118	45.78	ng		94
3) Pyridine	2.81	79	289472	47.61	ng		98
4) n-Nitrosodimethylamine	2.73	42	135834	53.59	ng		86
6) Aniline	7.22	93	218046	26.91	ng		94
8) 2-Chlorophenol	7.41	128	327767	53.83	ng		96
9) Benzaldehyde	7.04	77	43318	11.05	ng		98
10) Phenol	7.29	94	405537	59.96	ng		91
11) bis(2-Chloroethyl)ether	7.36	93	288165	51.61	ng		95
12) 1,3-Dichlorobenzene	7.62	146	345745	50.06	ng		98
13) 1,4-Dichlorobenzene	7.74	146	352586	50.34	ng		98
14) 1,2-Dichlorobenzene	7.98	146	345335	52.82	ng		96
15) Benzyl Alcohol	8.01	79	271526	65.77	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	421081	53.28	ng		87
17) 2-Methylphenol	8.22	107	293360	58.87	ng		95
18) Hexachloroethane	8.50	117	120795	50.91	ng		88
19) n-Nitroso-di-n-propylamine	8.44	70	249532	57.48	ng		92
20) 3+4-Methylphenols	8.48	107	380583	56.21	ng	#	57
22) Acetophenone	8.39	105	495891	53.76	ng	#	85
24) Nitrobenzene	8.65	77	347072	54.31	ng		96
25) Isophorone	9.05	82	628802	57.76	ng		96
26) 2-Nitrophenol	9.15	139	195430	56.67	ng		99
27) 2,4-Dimethylphenol	9.30	122	310291	55.65	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	404122	53.66	ng		99
29) 2,4-Dichlorophenol	9.57	162	304888	57.92	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	299325	53.07	ng		100
31) Naphthalene	9.77	128	980831	50.76	ng		99
32) Benzoic acid	9.57	122	58778	19.44	ng		96
33) 4-Chloroaniline	9.94	127	41258	5.73	ng	#	92
34) Hexachlorobutadiene	9.98	225	136418	45.84	ng		97
35) Caprolactam	10.54	113	83787m	53.00	ng		
36) 4-Chloro-3-methylphenol	10.78	107	285202	50.67	ng		89
37) 2-Methylnaphthalene	10.90	142	649190	51.19	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	258608	48.95	ng		99
40) Hexachlorocyclopentadiene	11.15	237	97638	46.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	192995	54.72	ng		99
43) 2,4,5-Trichlorophenol	11.49	196	186492	49.20	ng	#	92
45) 1,1'-Biphenyl	11.66	154	760013	52.55	ng		98
46) 2-Chloronaphthalene	11.68	162	594448	50.90	ng		95
47) 2-Nitroaniline	11.90	65	165500	51.78	ng	#	78
48) Acenaphthylene	12.34	152	932775	51.00	ng		99
49) Dimethylphthalate	12.21	163	806761	57.21	ng		99
50) 2,6-Dinitrotoluene	12.30	165	154130	53.57	ng		92
51) Acenaphthene	12.62	154	554757	50.78	ng		99
52) 3-Nitroaniline	12.58	138	74360	24.08	ng		89
53) 2,4-Dinitrophenol	12.78	184	40973	30.08	ng	#	71
54) Dibenzofuran	12.91	168	850475	56.25	ng		96
55) 4-Nitrophenol	12.96	139	172007	92.74	ng	#	73
56) 2,4-Dinitrotoluene	12.97	165	198048	53.57	ng	#	84
57) Fluorene	13.46	166	651994	49.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136518	57.22	ng	#	97
59) Diethylphthalate	13.36	149	658209	48.70	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	274249	47.47	ng		94
61) 4-Nitroaniline	13.58	138	125148	44.15	ng		95
62) Azobenzene	13.74	77	617518	56.85	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	42007	22.39	ng	#	71
65) n-Nitrosodiphenylamine	13.69	169	570044	56.12	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	152634	51.62	ng		97
67) Hexachlorobenzene	14.35	284	154038	50.84	ng	#	90
68) Atrazine	14.61	200	157039	54.76	ng		96
69) Pentachlorophenol	14.71	266	118813	86.23	ng		95
70) Phenanthrene	15.01	178	836315	52.01	ng		98
71) Anthracene	15.09	178	858350	52.26	ng		97
72) Carbazole	15.37	167	755854	50.58	ng		97
73) Di-n-butylphthalate	15.94	149	1010972	54.24	ng		99
74) Fluoranthene	16.74	202	745758	45.21	ng		99
76) Benzidine	16.97	184	320350	61.28	ng	#	92
77) Pyrene	17.05	202	755163	54.04	ng		98
79) Butylbenzylphthalate	17.95	149	351269	54.04	ng		89
80) Benzo(a)anthracene	18.62	228	558485	51.35	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	160277	42.67	ng	#	97
82) Chrysene	18.67	228	539517	51.31	ng		98
83) Bis(2-ethylhexyl)phthalate	18.69	149	498305	53.80	ng	#	98
84) Di-n-octyl phthalate	19.46	149	802323	52.84	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	492534	57.68	ng		99
87) Benzo(b)fluoranthene	19.89	252	547471	52.97	ng		98
88) Benzo(k)fluoranthene	19.92	252	558564	56.03	ng	#	95
89) Benzo(a)pyrene	20.24	252	514639	53.97	ng		98
90) Dibenzo(a,h)anthracene	21.60	278	413601	52.51	ng		98
91) Benzo(g,h,i)perylene	21.97	276	390480	50.52	ng		99

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

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