Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095404.D
Acq On : 24 May 2017 23:15
Operator : SJ/MA
Sample : I3281-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Manual Integrations APPROVED
mohammad
5/25/2017 6:00:29 PM

Quant Time: May 25 16:26:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	80013	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	305356	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	117056	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	198313	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	163188	20.00	ng		-0.01
86) Perylene-d12	20.36	264	113758	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	578549	120.55	ng		-0.01
7) Phenol-d6	7.30	99	687775	119.44	ng		-0.01
23) Nitrobenzene-d5	8.65	82	378604	78.18	ng		-0.02
41) 2,4,6-Tribromophenol	13.91	330	100741	105.09	ng		-0.01
44) 2-Fluorobiphenyl	11.54	172	673357	82.80	ng		-0.02
78) Terphenyl-d14	17.32	244	551516	74.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	74579	31.69	ng		93
3) Pyridine	2.93	79	172053	31.54	ng		96
4) n-Nitrosodimethylamine	2.85	42	68486	30.12	ng	#	79
6) Aniline	7.26	93	171536	23.60	ng		96
8) 2-Chlorophenol	7.45	128	210176	38.48	ng		94
9) Benzaldehyde	7.08	77	65991	18.77	ng		91
10) Phenol	7.32	94	269799	44.46	ng		93
11) bis(2-Chloroethyl)ether	7.38	93	196937	39.31	ng		97
12) 1,3-Dichlorobenzene	7.65	146	228966	36.95	ng		98
13) 1,4-Dichlorobenzene	7.78	146	239926	38.18	ng		97
14) 1,2-Dichlorobenzene	8.01	146	221726	37.80	ng		96
15) Benzyl Alcohol	8.04	79	161587	43.63	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	258404	36.45	ng		96
17) 2-Methylphenol	8.26	107	167149	37.39	ng		96
18) Hexachloroethane	8.52	117	52103	24.48	ng	#	85
19) n-Nitroso-di-n-propylamine	8.45	70	148902	38.23	ng		94
20) 3+4-Methylphenols	8.54	107	206748	34.04	ng	#	63
22) Acetophenone	8.42	105	292850	39.97	ng	#	82
24) Nitrobenzene	8.68	77	194705	38.36	ng		90
25) Isophorone	9.08	82	349830	40.46	ng		95
26) 2-Nitrophenol	9.20	139	49369	18.03	ng		98
27) 2,4-Dimethylphenol	9.33	122	163487	36.92	ng		99
28) bis(2-Chloroethoxy)methane	9.45	93	230954	38.61	ng		98
29) 2,4-Dichlorophenol	9.64	162	144586	34.58	ng		98
30) 1,2,4-Trichlorobenzene	9.70	180	164046	36.62	ng		98
31) Naphthalene	9.80	128	610411	39.77	ng		99
33) 4-Chloroaniline	9.96	127	80996	14.16	ng	#	91
34) Hexachlorobutadiene	10.01	225	82496	34.90	ng		99
35) Caprolactam	10.56	113	46160	36.77	ng		86
36) 4-Chloro-3-methylphenol	10.84	107	149060	33.34	ng		90
37) 2-Methylnaphthalene	10.92	142	411993	40.90	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	139469	38.74	ng		99
42) 2,4,6-Trichlorophenol	11.45	196	85661	35.64	ng		97
43) 2,4,5-Trichlorophenol	11.56	196	89293	34.57	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	11.69	154	402689	40.86	ng		98
46) 2-Chloronaphthalene	11.71	162	301926	37.94	ng		97
47) 2-Nitroaniline	11.94	65	86558	39.74	ng	#	78
48) Acenaphthylene	12.37	152	473574	37.99	ng		97
49) Dimethylphthalate	12.24	163	455110	47.36	ng		99
50) 2,6-Dinitrotoluene	12.34	165	54145	27.62	ng	#	90
51) Acenaphthene	12.65	154	274571	36.88	ng		99
52) 3-Nitroaniline	12.62	138	81079	38.53	ng		91
54) Dibenzofuran	12.94	168	424356	41.19	ng		97
55) 4-Nitrophenol	13.09	139	42737	33.82	ng	#	76
56) 2,4-Dinitrotoluene	13.02	165	58596	23.26	ng	#	90
57) Fluorene	13.49	166	323596	36.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.21	232	52354m	32.20	ng		
59) Diethylphthalate	13.40	149	262740	28.53	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	139718	35.49	ng		93
61) 4-Nitroaniline	13.62	138	68107	35.26	ng		94
62) Azobenzene	13.78	77	272460	36.81	ng		93
65) n-Nitrosodiphenylamine	13.72	169	271624	37.74	ng		99
66) 4-Bromophenyl-phenylether	14.31	248	75011	35.80	ng		96
67) Hexachlorobenzene	14.39	284	73915	34.42	ng	#	86
68) Atrazine	14.64	200	59999	29.52	ng		97
69) Pentachlorophenol	14.77	266	31301	35.74	ng		99
70) Phenanthrene	15.04	178	607489	53.31	ng		98
71) Anthracene	15.12	178	476822	40.97	ng		99
72) Carbazole	15.41	167	435961	41.17	ng		96
73) Di-n-butylphthalate	15.97	149	499492	37.82	ng	#	98
74) Fluoranthene	16.79	202	788625	67.47	ng		99
76) Benzidine	17.02	184	63104	18.92	ng		96
77) Pyrene	17.09	202	757559	62.07	ng		98
79) Butylbenzylphthalate	17.98	149	235048	41.41	ng	#	86
80) Benzo(a)anthracene	18.67	228	462485	48.70	ng		100
81) 3,3'-Dichlorobenzidine	18.65	252	86848	26.48	ng	#	97
82) Chrysene	18.72	228	437691	47.66	ng		99
83) Bis(2-ethylhexyl)phthalate	18.73	149	320098	39.58	ng	#	98
84) Di-n-octyl phthalate	19.50	149	479177	36.13	ng		97
85) Indeno(1,2,3-cd)pyrene	21.69	276	263545	35.34	ng		99
87) Benzo(b)fluoranthene	19.95	252	373117	53.08	ng		98
88) Benzo(k)fluoranthene	19.98	252	291060	42.93	ng		96
89) Benzo(a)pyrene	20.31	252	294620	45.42	ng		98
90) Dibenzo(a,h)anthracene	21.69	278	197619	36.89	ng		98
91) Benzo(g,h,i)perylene	22.08	276	230549	43.86	ng		96

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

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