Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095392.D
Acq On : 24 May 2017 16:51
Operator : SJ/MA
Sample : I3281-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-TP-3-D34MSD

Manual Integrations APPROVED
mohammad
5/25/2017 6:00:03 PM

Quant Time: May 25 16:05:22 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	90922	20.00	ng		-0.01
21) Naphthalene-d8	9.77	136	401860	20.00	ng		-0.02
38) Acenaphthene-d10	12.59	164	180000	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	306168	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	180589	20.00	ng		-0.02
86) Perylene-d12	20.35	264	172921	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	628305	115.21	ng		-0.01
7) Phenol-d6	7.30	99	744008	113.70	ng		-0.02
23) Nitrobenzene-d5	8.65	82	398758	62.57	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	141063	95.69	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	795212	63.59	ng		-0.02
78) Terphenyl-d14	17.32	244	534091	65.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	71221	26.63	ng	#	94
3) Pyridine	2.97	79	152362	24.58	ng		91
4) n-Nitrosodimethylamine	2.89	42	62238	24.09	ng		81
6) Aniline	7.27	93	236786	28.66	ng		92
8) 2-Chlorophenol	7.44	128	222151	35.79	ng		97
9) Benzaldehyde	7.10	77	64742	16.20	ng		97
10) Phenol	7.32	94	283393	41.10	ng		90
11) bis(2-Chloroethyl)ether	7.39	93	195006	34.26	ng		95
12) 1,3-Dichlorobenzene	7.65	146	224379	31.87	ng		98
13) 1,4-Dichlorobenzene	7.78	146	220814	30.92	ng		98
14) 1,2-Dichlorobenzene	8.01	146	208992	31.36	ng		96
15) Benzyl Alcohol	8.04	79	166790	39.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	252222	31.31	ng		96
17) 2-Methylphenol	8.25	107	167229	32.92	ng		98
18) Hexachloroethane	8.52	117	75094	31.04	ng		88
19) n-Nitroso-di-n-propylamine	8.45	70	148269	33.50	ng		95
20) 3+4-Methylphenols	8.52	107	216420	31.35	ng	#	57
22) Acetophenone	8.43	105	286681	29.73	ng	#	83
24) Nitrobenzene	8.68	77	208421	31.20	ng		91
25) Isophorone	9.08	82	376235	33.06	ng		96
26) 2-Nitrophenol	9.20	139	118250	32.81	ng		98
27) 2,4-Dimethylphenol	9.33	122	169894	29.15	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	230207	29.24	ng		99
29) 2,4-Dichlorophenol	9.63	162	176735	32.12	ng		97
30) 1,2,4-Trichlorobenzene	9.70	180	183113	31.06	ng		100
31) Naphthalene	9.80	128	643917	31.88	ng		99
32) Benzoic acid	9.70	122	5698	6.41	ng	#	49
33) 4-Chloroaniline	9.97	127	74803	9.94	ng		93
34) Hexachlorobutadiene	10.01	225	79373	25.52	ng		99
35) Caprolactam	10.57	113	51993m	31.47	ng		
36) 4-Chloro-3-methylphenol	10.81	107	172223	29.27	ng		87
37) 2-Methylnaphthalene	10.92	142	420060	31.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	164825	29.78	ng		99
40) Hexachlorocyclopentadiene	11.18	237	51933	26.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	116891	31.63	ng		96
43) 2,4,5-Trichlorophenol	11.54	196	107538	27.07	ng		96
45) 1,1'-Biphenyl	11.69	154	450819	29.75	ng		98
46) 2-Chloronaphthalene	11.71	162	367905	30.07	ng		95
47) 2-Nitroaniline	11.94	65	101016	30.16	ng	#	83
48) Acenaphthylene	12.37	152	589381	30.75	ng		98
49) Dimethylphthalate	12.24	163	547568	37.06	ng		99
50) 2,6-Dinitrotoluene	12.34	165	90277	29.95	ng	#	90
51) Acenaphthene	12.65	154	363477	31.75	ng		98
52) 3-Nitroaniline	12.62	138	71799	22.19	ng		88
53) 2,4-Dinitrophenol	12.87	184	23903	19.52	ng	#	83
54) Dibenzofuran	12.94	168	560308	35.37	ng		97
55) 4-Nitrophenol	13.04	139	82623	42.51	ng	#	75
56) 2,4-Dinitrotoluene	13.02	165	130371	33.65	ng		94
57) Fluorene	13.49	166	431871	31.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83809	33.52	ng	#	91
59) Diethylphthalate	13.38	149	425082	30.01	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	178302	29.45	ng		92
61) 4-Nitroaniline	13.62	138	78915	26.57	ng		93
62) Azobenzene	13.77	77	385853	33.90	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	41260	20.10	ng	#	75
65) n-Nitrosodiphenylamine	13.72	169	354116	31.87	ng		98
66) 4-Bromophenyl-phenylether	14.30	248	99177	30.66	ng		97
67) Hexachlorobenzene	14.39	284	99011	29.87	ng	#	90
68) Atrazine	14.64	200	109279	34.83	ng		97
69) Pentachlorophenol	14.75	266	57372	41.34	ng		98
70) Phenanthrene	15.04	178	750847	42.68	ng		98
71) Anthracene	15.12	178	617141	34.34	ng		99
72) Carbazole	15.41	167	529068	32.36	ng		97
73) Di-n-butylphthalate	15.97	149	653387	32.05	ng		98
74) Fluoranthene	16.78	202	708817	39.28	ng		98
76) Benzidine	17.02	184	63949	17.88	ng		97
77) Pyrene	17.09	202	680917	50.42	ng		98
79) Butylbenzylphthalate	17.98	149	233033	37.09	ng		93
80) Benzo(a)anthracene	18.67	228	383844	36.52	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	72934	20.09	ng	#	94
82) Chrysene	18.71	228	352066	34.64	ng		97
83) Bis(2-ethylhexyl)phthalate	18.72	149	299427	33.45	ng	#	99
84) Di-n-octyl phthalate	19.49	149	439204	29.93	ng		95
85) Indeno(1,2,3-cd)pyrene	21.68	276	384344	46.57	ng		99
87) Benzo(b)fluoranthene	19.94	252	352580	33.00	ng		98
88) Benzo(k)fluoranthene	19.97	252	314416	30.51	ng		96
89) Benzo(a)pyrene	20.29	252	324539	32.92	ng		99
90) Dibenzo(a,h)anthracene	21.68	278	308292	37.86	ng		95
91) Benzo(g,h,i)perylene	22.06	276	334736	41.89	ng		98

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

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