Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095219.D
Acq On : 18 May 2017 11:20
Operator : SJ/MA
Sample : I3192-05MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Manual Integrations APPROVED
mohammad
5/18/2017 2:30:09 PM

Quant Time: May 18 13:00:11 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	7.77	152	86261	20.00	ng		0.04
21) Naphthalene-d8	9.79	136	290385	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	121704	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	189182	20.00	ng		0.04
75) Chrysene-d12	18.69	240	189765	20.00	ng		0.04
86) Perylene-d12	20.37	264	138251	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	518742	100.26	ng		0.07
7) Phenol-d6	7.32	99	698987	112.60	ng		0.04
23) Nitrobenzene-d5	8.67	82	429030	93.17	ng		0.04
41) 2,4,6-Tribromophenol	13.92	330	102962	103.30	ng		0.04
44) 2-Fluorobiphenyl	11.56	172	667846	78.98	ng		0.03
78) Terphenyl-d14	17.34	244	539093	62.57	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	77521	30.55	ng		96
3) Pyridine	2.98	79	178376m	30.33	ng		
4) n-Nitrosodimethylamine	2.91	42	73608m	30.03	ng		
6) Aniline	7.28	93	246079	31.40	ng		93
8) 2-Chlorophenol	7.47	128	207251	35.19	ng		96
9) Benzaldehyde	7.11	77	76159	20.09	ng		96
10) Phenol	7.34	94	304327	46.52	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	199417	36.93	ng		97
12) 1,3-Dichlorobenzene	7.68	146	235213	35.21	ng		98
13) 1,4-Dichlorobenzene	7.80	146	244243	36.05	ng		97
14) 1,2-Dichlorobenzene	8.03	146	230761	36.49	ng		96
15) Benzyl Alcohol	8.05	79	167687	42.00	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	267840	35.04	ng		54
17) 2-Methylphenol	8.27	107	181370	37.63	ng	#	89
18) Hexachloroethane	8.55	117	70459	30.70	ng		88
19) n-Nitroso-di-n-propylamine	8.47	70	151864	36.17	ng		95
20) 3+4-Methylphenols	8.53	107	233217	35.61	ng	#	59
22) Acetophenone	8.44	105	313688	45.02	ng	#	86
24) Nitrobenzene	8.70	77	212303	43.98	ng		91
25) Isophorone	9.10	82	374130	45.50	ng	#	94
26) 2-Nitrophenol	9.21	139	107728	41.36	ng		97
27) 2,4-Dimethylphenol	9.34	122	183964	43.69	ng		99
28) bis(2-Chloroethoxy)methane	9.47	93	207365	36.45	ng		99
29) 2,4-Dichlorophenol	9.64	162	146253	36.78	ng		96
30) 1,2,4-Trichlorobenzene	9.71	180	153765	36.10	ng		98
31) Naphthalene	9.82	128	521302	35.72	ng		100
32) Benzoic acid	9.64	122	13540m	9.46	ng		
33) 4-Chloroaniline	9.98	127	64092	11.78	ng		93
34) Hexachlorobutadiene	10.04	225	77301	34.39	ng		98
35) Caprolactam	10.57	113	44638m	37.39	ng		
36) 4-Chloro-3-methylphenol	10.82	107	145607	34.25	ng		93
37) 2-Methylnaphthalene	10.95	142	354654	37.03	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	138700	37.06	ng		99
40) Hexachlorocyclopentadiene	11.20	237	12218	13.23	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	94819	37.94	ng		99
43) 2,4,5-Trichlorophenol	11.55	196	86641	32.26	ng	#	94
45) 1,1'-Biphenyl	11.71	154	397350	38.78	ng		97
46) 2-Chloronaphthalene	11.73	162	306263	37.02	ng		96
47) 2-Nitroaniline	11.95	65	81964	36.19	ng	#	84
48) Acenaphthylene	12.39	152	470872	36.33	ng		99
49) Dimethylphthalate	12.26	163	494562	49.50	ng		99
50) 2,6-Dinitrotoluene	12.35	165	73345	35.98	ng		93
51) Acenaphthene	12.67	154	278766	36.01	ng		99
52) 3-Nitroaniline	12.63	138	56092	25.64	ng		88
53) 2,4-Dinitrophenol	12.88	184	7906	12.74	ng	#	73
54) Dibenzofuran	12.96	168	416229	38.86	ng		97
55) 4-Nitrophenol	13.04	139	63159m	48.07	ng		
56) 2,4-Dinitrotoluene	13.02	165	91863	35.07	ng		94
57) Fluorene	13.51	166	324799	34.87	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	63983	37.85	ng	#	92
59) Diethylphthalate	13.41	149	338660	35.36	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	144965	35.41	ng		90
61) 4-Nitroaniline	13.63	138	52114	25.95	ng		97
62) Azobenzene	13.79	77	291183	37.84	ng		92
64) 4,6-Dinitro-2-methylphenol	13.71	198	11561	9.12	ng	#	67
65) n-Nitrosodiphenylamine	13.74	169	279654	40.73	ng		98
66) 4-Bromophenyl-phenylether	14.32	248	75947	38.00	ng		99
67) Hexachlorobenzene	14.41	284	73722	35.99	ng	#	90
68) Atrazine	14.66	200	75512	38.95	ng		97
69) Pentachlorophenol	14.77	266	45560	51.45	ng		96
70) Phenanthrene	15.06	178	407686	37.51	ng		97
71) Anthracene	15.14	178	422269	38.03	ng		98
72) Carbazole	15.42	167	377068	37.32	ng		97
73) Di-n-butylphthalate	15.98	149	503013	39.93	ng		99
74) Fluoranthene	16.80	202	458113	41.09	ng		99
76) Benzidine	17.03	184	297834	56.65	ng	#	90
77) Pyrene	17.11	202	475404	33.50	ng		99
79) Butylbenzylphthalate	18.00	149	227957	34.53	ng		91
80) Benzo(a)anthracene	18.68	228	402353	36.43	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	139087	36.46	ng	#	95
82) Chrysene	18.73	228	391762	36.69	ng		99
83) Bis(2-ethylhexyl)phthalate	18.75	149	327063	34.77	ng	#	98
84) Di-n-octyl phthalate	19.51	149	553667	35.90	ng		96
85) Indeno(1,2,3-cd)pyrene	21.70	276	262798	30.30	ng		99
87) Benzo(b)fluoranthene	19.96	252	314782	36.85	ng		99
88) Benzo(k)fluoranthene	19.99	252	346281	42.02	ng	#	94
89) Benzo(a)pyrene	20.31	252	296545	37.62	ng		100
90) Dibenzo(a,h)anthracene	21.70	278	214801	32.99	ng		98
91) Benzo(g,h,i)perylene	22.09	276	218617	34.22	ng		97

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

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