Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095064.D
Acq On : 10 May 2017 19:34
Operator : SJ/MA
Sample : I3037-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB423BMSD

Manual Integrations APPROVED
mohammad
5/11/2017 2:25:30 PM

Quant Time: May 11 07:41:16 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	84673	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	354478	20.00	ng		-0.02
38) Acenaphthene-d10	12.55	164	165261	20.00	ng		-0.03
63) Phenanthrene-d10	14.96	188	295208	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	224709	20.00	ng		-0.02
86) Perylene-d12	20.30	264	189883	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	807783	159.05	ng		-0.01
7) Phenol-d6	7.27	99	975994	160.17	ng		-0.01
23) Nitrobenzene-d5	8.61	82	604884	107.60	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	214079	158.17	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1117237	97.31	ng		-0.02
78) Terphenyl-d14	17.29	244	1032707	101.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	104821	42.08	ng		96
3) Pyridine	2.78	79	269288	46.65	ng		99
4) n-Nitrosodimethylamine	2.70	42	121055	50.31	ng		92
6) Aniline	7.21	93	231984	30.16	ng		96
8) 2-Chlorophenol	7.40	128	298409	51.62	ng		96
9) Benzaldehyde	7.04	77	31679	8.51	ng		99
10) Phenol	7.28	94	328797	51.20	ng		90
11) bis(2-Chloroethyl)ether	7.35	93	259483	48.95	ng		95
12) 1,3-Dichlorobenzene	7.61	146	320048	48.81	ng		98
13) 1,4-Dichlorobenzene	7.74	146	317604	47.76	ng		96
14) 1,2-Dichlorobenzene	7.97	146	308821	49.75	ng		95
15) Benzyl Alcohol	8.00	79	240688	61.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	361794	48.22	ng		95
17) 2-Methylphenol	8.22	107	250567	52.97	ng		94
18) Hexachloroethane	8.49	117	110135	48.89	ng		88
19) n-Nitroso-di-n-propylamine	8.42	70	212714	51.61	ng		94
20) 3+4-Methylphenols	8.48	107	332597	51.74	ng	#	59
22) Acetophenone	8.38	105	427674	50.29	ng	#	84
24) Nitrobenzene	8.64	77	300430	50.99	ng		94
25) Isophorone	9.04	82	521836	51.99	ng		94
26) 2-Nitrophenol	9.15	139	167393	52.65	ng		99
27) 2,4-Dimethylphenol	9.29	122	266112	51.77	ng		97
28) bis(2-Chloroethoxy)methane	9.41	93	343377	49.45	ng		98
29) 2,4-Dichlorophenol	9.58	162	262378	54.06	ng		100
30) 1,2,4-Trichlorobenzene	9.65	180	250725	48.22	ng		99
31) Naphthalene	9.77	128	875676	49.15	ng		99
32) Benzoic acid	9.62	122	159963	47.46	ng		97
33) 4-Chloroaniline	9.93	127	57084	8.60	ng		92
34) Hexachlorobutadiene	9.98	225	127945	46.63	ng		97
35) Caprolactam	10.54	113	78415m	53.80	ng		
36) 4-Chloro-3-methylphenol	10.77	107	269179	51.87	ng		90
37) 2-Methylnaphthalene	10.89	142	600209	51.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	238381	46.90	ng		100
40) Hexachlorocyclopentadiene	11.14	237	144041	68.37	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	173908	51.25	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	158682	43.51	ng		95
45) 1,1'-Biphenyl	11.65	154	662493	47.61	ng		98
46) 2-Chloronaphthalene	11.67	162	526140	46.83	ng		96
47) 2-Nitroaniline	11.89	65	150090	48.81	ng	#	79
48) Acenaphthylene	12.33	152	859691	48.85	ng		99
49) Dimethylphthalate	12.21	163	753084	55.51	ng		99
50) 2,6-Dinitrotoluene	12.29	165	139703	50.47	ng		91
51) Acenaphthene	12.61	154	500750	47.64	ng		99
52) 3-Nitroaniline	12.58	138	56953	19.17	ng		92
53) 2,4-Dinitrophenol	12.77	184	72266	49.95	ng	#	67
54) Dibenzofuran	12.90	168	711874	48.94	ng		98
55) 4-Nitrophenol	12.97	139	184540m	103.43	ng		
56) 2,4-Dinitrotoluene	12.96	165	179783	50.55	ng	#	86
57) Fluorene	13.45	166	618033	48.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136997	59.69	ng		91
59) Diethylphthalate	13.35	149	607769	46.74	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	264742	47.63	ng		92
61) 4-Nitroaniline	13.57	138	127003	46.57	ng		96
62) Azobenzene	13.74	77	543881	52.05	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	69510	35.12	ng	#	66
65) n-Nitrosodiphenylamine	13.69	169	523004	48.81	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	139004	44.57	ng		99
67) Hexachlorobenzene	14.35	284	143530	44.90	ng	#	87
68) Atrazine	14.61	200	151294	50.01	ng		97
69) Pentachlorophenol	14.71	266	132230	90.65	ng		98
70) Phenanthrene	15.00	178	831110	49.00	ng		99
71) Anthracene	15.08	178	882693	50.95	ng		98
72) Carbazole	15.37	167	823887	52.26	ng		98
73) Di-n-butylphthalate	15.93	149	1013278	51.54	ng		99
74) Fluoranthene	16.74	202	844233	48.52	ng		100
76) Benzidine	16.97	184	293160	48.21	ng	#	92
77) Pyrene	17.05	202	924341	55.00	ng		98
79) Butylbenzylphthalate	17.95	149	440680	56.38	ng		88
80) Benzo(a)anthracene	18.62	228	658330	50.34	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	151292	33.50	ng	#	97
82) Chrysene	18.67	228	636812	50.36	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	593690	53.31	ng	#	100
84) Di-n-octyl phthalate	19.46	149	927422	50.79	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	581523	56.63	ng		99
87) Benzo(b)fluoranthene	19.89	252	581147	49.53	ng		99
88) Benzo(k)fluoranthene	19.92	252	547387	48.36	ng	#	94
89) Benzo(a)pyrene	20.24	252	536926	49.59	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	478371	53.50	ng		99
91) Benzo(g,h,i)perylene	21.96	276	513735	58.55	ng		95

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

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