Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095797.D
Acq On : 8 Jun 2017 22:38
Operator : SJ/MA
Sample : I3457-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-17MSD

Manual Integrations APPROVED
mohammad
6/9/2017 12:09:04 PM

Quant Time: Jun 09 02:50:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	70898	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	291740	20.00	ng		-0.03
38) Acenaphthene-d10	12.23	164	127551	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	220808	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	138000	20.00	ng		-0.02
86) Perylene-d12	20.00	264	130821	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	638040	143.40	ng		-0.01
7) Phenol-d6	6.95	99	757508	142.21	ng		-0.01
23) Nitrobenzene-d5	8.29	82	432786	92.13	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	141985	125.81	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	733778	80.05	ng		-0.03
78) Terphenyl-d14	16.99	244	506141	91.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	79212	37.42	ng		90
3) Pyridine	2.29	79	207005	41.61	ng		97
4) n-Nitrosodimethylamine	2.26	42	84548	44.70	ng	#	75
6) Aniline	6.87	93	258145	37.04	ng		96
8) 2-Chlorophenol	7.06	128	231627	48.96	ng		95
9) Benzaldehyde	6.67	77	104772	29.16	ng		99
10) Phenol	6.96	94	297908	53.91	ng		90
11) bis(2-Chloroethyl)ether	7.02	93	200222	45.74	ng		98
12) 1,3-Dichlorobenzene	7.27	146	236682	44.20	ng		99
13) 1,4-Dichlorobenzene	7.40	146	245712	45.25	ng		97
14) 1,2-Dichlorobenzene	7.63	146	230669	46.08	ng		96
15) Benzyl Alcohol	7.67	79	185402	50.71	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	282365	45.91	ng		97
17) 2-Methylphenol	7.90	107	193020	48.62	ng		95
18) Hexachloroethane	8.15	117	79273	44.20	ng	#	86
19) n-Nitroso-di-n-propylamine	8.10	70	158128	46.84	ng		95
20) 3+4-Methylphenols	8.16	107	251850	49.97	ng	#	57
22) Acetophenone	8.06	105	322972	47.30	ng	#	84
24) Nitrobenzene	8.32	77	226895	45.22	ng		92
25) Isophorone	8.72	82	401276	45.75	ng		97
26) 2-Nitrophenol	8.83	139	123202	46.89	ng		98
27) 2,4-Dimethylphenol	8.98	122	202792	49.73	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	263396	45.56	ng		100
29) 2,4-Dichlorophenol	9.26	162	186277	47.43	ng		97
30) 1,2,4-Trichlorobenzene	9.33	180	184306	45.10	ng		100
31) Naphthalene	9.43	128	650046	44.40	ng		100
32) Benzoic acid	9.28	122	26288	14.33	ng		91
33) 4-Chloroaniline	9.59	127	194193	33.93	ng	#	92
34) Hexachlorobutadiene	9.66	225	90722	42.97	ng		99
35) Caprolactam	10.22	113	58777m	50.30	ng		
36) 4-Chloro-3-methylphenol	10.46	107	191954	46.69	ng		88
37) 2-Methylnaphthalene	10.56	142	434323	43.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	168903	44.25	ng		98
40) Hexachlorocyclopentadiene	10.82	237	43662	42.60	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	117655	47.94	ng		99
43) 2,4,5-Trichlorophenol	11.16	196	118228	45.29	ng	#	91
45) 1,1'-Biphenyl	11.33	154	466944	44.42	ng		98
46) 2-Chloronaphthalene	11.34	162	363582	44.26	ng		95
47) 2-Nitroaniline	11.56	65	111657	46.45	ng	#	85
48) Acenaphthylene	12.00	152	585011	41.65	ng		98
49) Dimethylphthalate	11.89	163	533934	55.13	ng		99
50) 2,6-Dinitrotoluene	11.99	165	94189	44.59	ng	#	81
51) Acenaphthene	12.28	154	343514	42.35	ng		99
52) 3-Nitroaniline	12.24	138	86059	34.97	ng		90
53) 2,4-Dinitrophenol	12.47	184	34949	33.33	ng	#	67
54) Dibenzofuran	12.57	168	526809	46.14	ng		98
55) 4-Nitrophenol	12.64	139	126837	87.79	ng	#	70
56) 2,4-Dinitrotoluene	12.65	165	131613	46.13	ng	#	92
57) Fluorene	13.12	166	416919	41.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.82	232	87674	49.08	ng		91
59) Diethylphthalate	13.04	149	416303	44.67	ng		98
60) 4-Chlorophenyl-phenylether	13.15	204	183320	42.43	ng		88
61) 4-Nitroaniline	13.24	138	99178	43.16	ng		95
62) Azobenzene	13.40	77	373144	44.18	ng		95
64) 4,6-Dinitro-2-methylphenol	13.32	198	49637	34.20	ng	#	70
65) n-Nitrosodiphenylamine	13.36	169	358524	45.19	ng		99
66) 4-Bromophenyl-phenylether	13.93	248	99837	43.51	ng		99
67) Hexachlorobenzene	14.02	284	99537	44.02	ng	#	93
68) Atrazine	14.29	200	105091	47.59	ng		96
69) Pentachlorophenol	14.37	266	75198	87.07	ng		98
70) Phenanthrene	14.66	178	691145	54.25	ng		98
71) Anthracene	14.74	178	591614	44.48	ng		98
72) Carbazole	15.04	167	541136	41.75	ng		97
73) Di-n-butylphthalate	15.63	149	621035	45.03	ng		98
74) Fluoranthene	16.44	202	692763	54.94	ng		99
76) Benzidine	16.66	184	216720	40.89	ng	#	93
77) Pyrene	16.74	202	659284	64.03	ng		98
79) Butylbenzylphthalate	17.66	149	224420	49.90	ng		89
80) Benzo(a)anthracene	18.33	228	419903	52.33	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	120468	42.23	ng	#	96
82) Chrysene	18.37	228	407042	50.77	ng		99
83) Bis(2-ethylhexyl)phthalate	18.42	149	340905	53.74	ng	#	100
84) Di-n-octyl phthalate	19.18	149	488029	46.69	ng	#	97
85) Indeno(1,2,3-cd)pyrene	21.18	276	355744	51.85	ng		99
87) Benzo(b)fluoranthene	19.60	252	438712	53.56	ng		97
88) Benzo(k)fluoranthene	19.63	252	311974	39.84	ng		96
89) Benzo(a)pyrene	19.95	252	367868	48.86	ng		99
90) Dibenzo(a,h)anthracene	21.18	278	289016	45.25	ng		99
91) Benzo(g,h,i)perylene	21.50	276	309183	47.49	ng		97

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

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