Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095271.D
Acq On : 19 May 2017 19:30
Operator : SJ/MA
Sample : I3203-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-T8-BASEMS

Manual Integrations APPROVED
mohammad
5/22/2017 1:29:46 PM

Quant Time: May 22 07:41:31 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	7.77	152	84482	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	344959	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	164589	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	300663	20.00	ng		0.00
75) Chrysene-d12	18.69	240	202320	20.00	ng		0.00
86) Perylene-d12	20.36	264	159472	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	790822	156.06	ng		0.00
7) Phenol-d6	7.31	99	952129	156.60	ng		0.00
23) Nitrobenzene-d5	8.67	82	570806	104.34	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	215176	159.63	ng		0.00
44) 2-Fluorobiphenyl	11.55	172	979327	85.64	ng		0.00
78) Terphenyl-d14	17.34	244	908183	98.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	83788	33.72	ng		95
3) Pyridine	2.95	79	206107	35.78	ng		94
4) n-Nitrosodimethylamine	2.87	42	93338	38.88	ng		85
6) Aniline	7.27	93	372464	48.53	ng		97
8) 2-Chlorophenol	7.45	128	298432	51.74	ng		96
9) Benzaldehyde	7.10	77	90464	24.37	ng		99
10) Phenol	7.33	94	319807	49.92	ng		89
11) bis(2-Chloroethyl)ether	7.40	93	281268	53.18	ng		96
12) 1,3-Dichlorobenzene	7.67	146	305436	46.68	ng		97
13) 1,4-Dichlorobenzene	7.79	146	315128	47.50	ng		96
14) 1,2-Dichlorobenzene	8.02	146	302197	48.80	ng		96
15) Benzyl Alcohol	8.05	79	236734	60.54	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	353667	47.24	ng		84
17) 2-Methylphenol	8.26	107	239814	50.81	ng		95
18) Hexachloroethane	8.54	117	101315	45.08	ng	#	86
19) n-Nitroso-di-n-propylamine	8.47	70	211086	51.33	ng		96
20) 3+4-Methylphenols	8.52	107	323633	50.46	ng	#	57
22) Acetophenone	8.44	105	419207	50.65	ng	#	84
24) Nitrobenzene	8.70	77	288234	50.27	ng		94
25) Isophorone	9.10	82	548608	56.16	ng	#	93
26) 2-Nitrophenol	9.20	139	168591	54.49	ng		97
27) 2,4-Dimethylphenol	9.34	122	276164	55.21	ng		99
28) bis(2-Chloroethoxy)methane	9.46	93	357487	52.90	ng		99
29) 2,4-Dichlorophenol	9.62	162	252353	53.43	ng		97
30) 1,2,4-Trichlorobenzene	9.71	180	250971	49.60	ng		98
31) Naphthalene	9.81	128	818609	47.22	ng		99
32) Benzoic acid	9.61	122	45226	17.39	ng		96
33) 4-Chloroaniline	9.96	127	227050	35.14	ng		94
34) Hexachlorobutadiene	10.03	225	119022	44.58	ng		97
35) Caprolactam	10.60	113	70958m	50.03	ng		
36) 4-Chloro-3-methylphenol	10.81	107	266440	52.76	ng		90
37) 2-Methylnaphthalene	10.94	142	557272	48.98	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	222580	43.97	ng		99
40) Hexachlorocyclopentadiene	11.19	237	113845	55.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	166760	49.35	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	156605	43.12	ng	#	93
45) 1,1'-Biphenyl	11.71	154	665781	48.04	ng		98
46) 2-Chloronaphthalene	11.72	162	520503	46.52	ng		96
47) 2-Nitroaniline	11.95	65	145560	47.53	ng	#	76
48) Acenaphthylene	12.38	152	797455	45.50	ng		99
49) Dimethylphthalate	12.26	163	785721	58.15	ng		100
50) 2,6-Dinitrotoluene	12.35	165	135207	49.05	ng		95
51) Acenaphthene	12.67	154	486820	46.51	ng		99
52) 3-Nitroaniline	12.63	138	99787	33.73	ng		89
53) 2,4-Dinitrophenol	12.84	184	102631	68.57	ng	#	65
54) Dibenzofuran	12.95	168	753896	52.04	ng		99
55) 4-Nitrophenol	13.02	139	151440	85.22	ng	#	71
56) 2,4-Dinitrotoluene	13.02	165	193899	54.74	ng	#	88
57) Fluorene	13.51	166	605314	48.06	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.20	232	123508	54.03	ng	#	91
59) Diethylphthalate	13.41	149	578533	44.67	ng		98
60) 4-Chlorophenyl-phenylether	13.53	204	264559	47.79	ng		92
61) 4-Nitroaniline	13.64	138	129138	47.54	ng		94
62) Azobenzene	13.79	77	564649	54.26	ng		92
64) 4,6-Dinitro-2-methylphenol	13.69	198	95461	47.36	ng	#	65
65) n-Nitrosodiphenylamine	13.74	169	524155	48.03	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	152215	47.92	ng		99
67) Hexachlorobenzene	14.41	284	148986	45.77	ng	#	89
68) Atrazine	14.67	200	150398	48.81	ng		97
69) Pentachlorophenol	14.77	266	115479	78.57	ng		97
70) Phenanthrene	15.06	178	798081	46.20	ng		98
71) Anthracene	15.14	178	881999	49.98	ng		98
72) Carbazole	15.42	167	831966	51.82	ng		97
73) Di-n-butylphthalate	15.98	149	1025005	51.19	ng		99
74) Fluoranthene	16.80	202	887071	50.06	ng		98
76) Benzidine	17.02	184	205739	39.03	ng		95
77) Pyrene	17.10	202	865943	57.23	ng		98
79) Butylbenzylphthalate	17.99	149	383568	54.50	ng	#	85
80) Benzo(a)anthracene	18.68	228	573862	48.74	ng		99
81) 3,3'-Dichlorobenzidine	18.66	252	158321	38.93	ng	#	96
82) Chrysene	18.72	228	547347	48.07	ng		98
83) Bis(2-ethylhexyl)phthalate	18.74	149	526814	52.54	ng	#	97
84) Di-n-octyl phthalate	19.51	149	954637	58.07	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	473511	51.21	ng		99
87) Benzo(b)fluoranthene	19.95	252	455937	46.27	ng		98
88) Benzo(k)fluoranthene	19.98	252	549760	57.84	ng		96
89) Benzo(a)pyrene	20.31	252	455833	50.13	ng		98
90) Dibenzo(a,h)anthracene	21.69	278	386017	51.40	ng		96
91) Benzo(g,h,i)perylene	22.08	276	406531	55.17	ng		97

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

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