Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095197.D
Acq On : 17 May 2017 21:43
Operator : SJ/MA
Sample : I3157-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-CMS

Manual Integrations APPROVED
mohammad
5/18/2017 2:29:23 PM

Quant Time: May 18 09:03:08 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	7.78	152	81167	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	359389	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	166108	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	306538	20.00	ng		0.04
75) Chrysene-d12	18.69	240	243469	20.00	ng		0.04
86) Perylene-d12	20.37	264	157830	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	848787	174.35	ng		0.08
7) Phenol-d6	7.32	99	997327	170.74	ng		0.05
23) Nitrobenzene-d5	8.68	82	584233	102.51	ng		0.05
41) 2,4,6-Tribromophenol	13.92	330	212850	156.46	ng		0.04
44) 2-Fluorobiphenyl	11.57	172	1063246	92.13	ng		0.04
78) Terphenyl-d14	17.35	244	992167	89.76	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	100847	42.24	ng		97
3) Pyridine	3.01	79	258309m	46.68	ng		
4) n-Nitrosodimethylamine	2.94	42	87310	37.85	ng		82
6) Aniline	7.29	93	302918	41.08	ng		96
8) 2-Chlorophenol	7.47	128	320792	57.89	ng		95
9) Benzaldehyde	7.11	77	126712	35.52	ng		96
10) Phenol	7.34	94	364416	59.20	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	279568	55.02	ng		97
12) 1,3-Dichlorobenzene	7.68	146	328338	52.24	ng		98
13) 1,4-Dichlorobenzene	7.80	146	315374	49.47	ng		97
14) 1,2-Dichlorobenzene	8.04	146	302477	50.84	ng		96
15) Benzyl Alcohol	8.06	79	235471	62.67	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	356159	49.52	ng		66
17) 2-Methylphenol	8.27	107	254535	56.13	ng	#	88
18) Hexachloroethane	8.55	117	111704	51.73	ng	#	87
19) n-Nitroso-di-n-propylamine	8.48	70	221197	55.99	ng		94
20) 3+4-Methylphenols	8.53	107	342642	55.60	ng	#	58
22) Acetophenone	8.45	105	434058	50.34	ng	#	83
24) Nitrobenzene	8.71	77	303078	50.73	ng		94
25) Isophorone	9.11	82	495706	48.71	ng		95
26) 2-Nitrophenol	9.21	139	159623	49.52	ng		98
27) 2,4-Dimethylphenol	9.34	122	262067	50.28	ng		97
28) bis(2-Chloroethoxy)methane	9.47	93	348891	49.56	ng		100
29) 2,4-Dichlorophenol	9.63	162	266792	54.22	ng		97
30) 1,2,4-Trichlorobenzene	9.71	180	255985	48.56	ng		98
31) Naphthalene	9.82	128	881883	48.82	ng		99
32) Benzoic acid	9.62	122	29224	12.72	ng		92
33) 4-Chloroaniline	10.00	127	65920	9.79	ng	#	93
34) Hexachlorobutadiene	10.04	225	124654	44.81	ng		98
35) Caprolactam	10.60	113	66538m	45.03	ng		
36) 4-Chloro-3-methylphenol	10.82	107	275311	52.33	ng		91
37) 2-Methylnaphthalene	10.95	142	603249	50.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	233005	45.61	ng		99
40) Hexachlorocyclopentadiene	11.20	237	137069	65.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	174839	51.26	ng		97
43) 2,4,5-Trichlorophenol	11.54	196	161136	43.96	ng	#	92
45) 1,1'-Biphenyl	11.71	154	675888	48.33	ng		98
46) 2-Chloronaphthalene	11.73	162	521026	46.14	ng		95
47) 2-Nitroaniline	11.95	65	151689	49.08	ng	#	83
48) Acenaphthylene	12.39	152	807400	45.65	ng		99
49) Dimethylphthalate	12.27	163	813728	59.67	ng		99
50) 2,6-Dinitrotoluene	12.36	165	132770	47.72	ng		93
51) Acenaphthene	12.68	154	506496	47.94	ng		99
52) 3-Nitroaniline	12.64	138	71635	23.99	ng		90
53) 2,4-Dinitrophenol	12.85	184	63135	44.23	ng	#	67
54) Dibenzofuran	12.96	168	776184	53.09	ng		98
55) 4-Nitrophenol	13.02	139	161349	89.97	ng	#	69
56) 2,4-Dinitrotoluene	13.03	165	198177	55.44	ng	#	91
57) Fluorene	13.52	166	566854	44.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	118394	51.32	ng	#	95
59) Diethylphthalate	13.41	149	556605	42.59	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	244674	43.79	ng		92
61) 4-Nitroaniline	13.64	138	120800	44.07	ng		95
62) Azobenzene	13.80	77	566510	53.94	ng		92
64) 4,6-Dinitro-2-methylphenol	13.69	198	87666	42.66	ng	#	70
65) n-Nitrosodiphenylamine	13.75	169	538917	48.44	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	149203	46.07	ng		97
67) Hexachlorobenzene	14.41	284	150798	45.44	ng	#	86
68) Atrazine	14.67	200	149701	47.66	ng		95
69) Pentachlorophenol	14.77	266	118070	78.78	ng		99
70) Phenanthrene	15.07	178	843028	47.86	ng		98
71) Anthracene	15.15	178	885514	49.22	ng		98
72) Carbazole	15.42	167	850213	51.94	ng		98
73) Di-n-butylphthalate	15.99	149	925647	45.34	ng		98
74) Fluoranthene	16.80	202	871426	48.23	ng		99
76) Benzidine	17.02	184	340365	51.18	ng	#	92
77) Pyrene	17.11	202	865400	47.53	ng		99
79) Butylbenzylphthalate	18.00	149	395321	46.68	ng		88
80) Benzo(a)anthracene	18.68	228	672921	47.49	ng		99
81) 3,3'-Dichlorobenzidine	18.66	252	135595	27.71	ng	#	96
82) Chrysene	18.72	228	618201	45.12	ng		100
83) Bis(2-ethylhexyl)phthalate	18.74	149	489036	40.53	ng	#	100
84) Di-n-octyl phthalate	19.51	149	858746	43.41	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	445920	40.08	ng		98
87) Benzo(b)fluoranthene	19.96	252	449512	46.09	ng		98
88) Benzo(k)fluoranthene	19.99	252	472909	50.27	ng	#	95
89) Benzo(a)pyrene	20.31	252	429907	47.77	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	363699	48.94	ng		98
91) Benzo(g,h,i)perylene	22.08	276	386223	52.95	ng		97

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

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