Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095395.D
Acq On : 24 May 2017 18:27
Operator : SJ/MA
Sample : I3200-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MSD

Manual Integrations APPROVED
mohammad
5/25/2017 6:00:22 PM

Quant Time: May 25 16:15:01 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	7.75	152	89548	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	349965	20.00	ng		-0.02
38) Acenaphthene-d10	12.59	164	141152	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	206010	20.00	ng		-0.02
75) Chrysene-d12	18.69	240	176481	20.00	ng		0.00
86) Perylene-d12	20.36	264	127653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	805128	149.90	ng		-0.02
7) Phenol-d6	7.30	99	952146	147.75	ng		-0.01
23) Nitrobenzene-d5	8.66	82	557314	100.42	ng		-0.01
41) 2,4,6-Tribromophenol	13.90	330	148732	128.66	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	1019136	103.92	ng		-0.02
78) Terphenyl-d14	17.32	244	687132	85.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	96678	36.70	ng		93
3) Pyridine	2.92	79	225186	36.88	ng		95
4) n-Nitrosodimethylamine	2.85	42	93091	36.58	ng		88
6) Aniline	7.26	93	249196	30.63	ng		94
8) 2-Chlorophenol	7.44	128	300818	49.21	ng		97
9) Benzaldehyde	7.08	77	97675	24.82	ng		98
10) Phenol	7.32	94	381022	56.11	ng		92
11) bis(2-Chloroethyl)ether	7.39	93	272440	48.60	ng		94
12) 1,3-Dichlorobenzene	7.65	146	323519	46.65	ng		98
13) 1,4-Dichlorobenzene	7.78	146	332187	47.23	ng		97
14) 1,2-Dichlorobenzene	8.01	146	309611	47.16	ng		97
15) Benzyl Alcohol	8.04	79	233228	56.27	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	357032	44.99	ng		94
17) 2-Methylphenol	8.25	107	243318	48.63	ng		97
18) Hexachloroethane	8.52	117	93444	39.22	ng	#	85
19) n-Nitroso-di-n-propylamine	8.46	70	203534	46.70	ng		93
20) 3+4-Methylphenols	8.52	107	304978	44.86	ng	#	59
22) Acetophenone	8.42	105	423611	50.45	ng	#	84
24) Nitrobenzene	8.68	77	286079	49.18	ng		94
25) Isophorone	9.08	82	501974	50.65	ng		96
26) 2-Nitrophenol	9.19	139	151533	48.28	ng		98
27) 2,4-Dimethylphenol	9.33	122	250069	49.27	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	333928	48.71	ng		99
29) 2,4-Dichlorophenol	9.63	162	226217	47.21	ng		98
30) 1,2,4-Trichlorobenzene	9.70	180	238823	46.52	ng		98
31) Naphthalene	9.80	128	860642	48.93	ng		99
33) 4-Chloroaniline	9.98	127	127128	19.39	ng	#	91
34) Hexachlorobutadiene	10.01	225	120500	44.48	ng		98
35) Caprolactam	10.57	113	67393m	46.84	ng		
36) 4-Chloro-3-methylphenol	10.82	107	232190	45.32	ng		91
37) 2-Methylnaphthalene	10.92	142	585062	50.68	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	215108	49.55	ng		99
40) Hexachlorocyclopentadiene	11.17	237	3151	7.65	ng		85
42) 2,4,6-Trichlorophenol	11.43	196	144377	49.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.54	196	130895	42.02	ng		94
45) 1,1'-Biphenyl	11.69	154	617323	51.94	ng		97
46) 2-Chloronaphthalene	11.71	162	469578	48.94	ng		96
47) 2-Nitroaniline	11.94	65	127218	48.44	ng	#	79
48) Acenaphthylene	12.37	152	798324	53.11	ng		99
49) Dimethylphthalate	12.24	163	760756	65.65	ng		100
50) 2,6-Dinitrotoluene	12.34	165	112981	47.79	ng	#	92
51) Acenaphthene	12.65	154	447548	49.85	ng		97
52) 3-Nitroaniline	12.62	138	90565	35.69	ng		85
54) Dibenzofuran	12.94	168	656026	52.81	ng		98
55) 4-Nitrophenol	13.04	139	107705	70.67	ng	#	78
56) 2,4-Dinitrotoluene	13.02	165	135255	44.52	ng	#	93
57) Fluorene	13.49	166	514121	47.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	89045	45.42	ng		93
59) Diethylphthalate	13.39	149	498976	44.93	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	213262	44.92	ng		89
61) 4-Nitroaniline	13.62	138	79438	34.10	ng		97
62) Azobenzene	13.78	77	433237	48.54	ng		91
64) 4,6-Dinitro-2-methylphenol	13.71	198	7322	5.30	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	395874	52.95	ng		99
66) 4-Bromophenyl-phenylether	14.30	248	112874	51.86	ng		98
67) Hexachlorobenzene	14.39	284	100435	45.03	ng	#	84
68) Atrazine	14.65	200	111426	52.78	ng		97
69) Pentachlorophenol	14.76	266	65893	66.41	ng		93
70) Phenanthrene	15.05	178	1245174	105.20	ng		98
71) Anthracene	15.12	178	740442	61.24	ng		98
72) Carbazole	15.41	167	590005	53.63	ng		98
73) Di-n-butylphthalate	15.97	149	669581	48.81	ng		99
74) Fluoranthene	16.79	202	1613069	132.85	ng		99
76) Benzidine	17.03	184	24701	11.05	ng	#	96
77) Pyrene	17.10	202	1643069	124.49	ng		99
79) Butylbenzylphthalate	17.98	149	288056	46.92	ng		88
80) Benzo(a)anthracene	18.68	228	1005727	97.92	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	106380	29.99	ng		98
82) Chrysene	18.72	228	907744	91.40	ng		98
83) Bis(2-ethylhexyl)phthalate	18.73	149	414683	47.41	ng	#	99
84) Di-n-octyl phthalate	19.50	149	695843	48.52	ng		97
85) Indeno(1,2,3-cd)pyrene	21.70	276	476549	59.09	ng		98
87) Benzo(b)fluoranthene	19.96	252	844696	107.09	ng		97
88) Benzo(k)fluoranthene	19.98	252	473396	62.22	ng		96
89) Benzo(a)pyrene	20.31	252	626208	86.03	ng		97
90) Dibenzo(a,h)anthracene	21.70	278	301398	50.14	ng		99
91) Benzo(g,h,i)perylene	22.08	276	465046	78.84	ng		98

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

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