Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095394.D
Acq On : 24 May 2017 17:55
Operator : SJ/MA
Sample : I3200-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
5/25/2017 6:00:18 PM

Quant Time: May 25 16:10:29 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	92768	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	363435	20.00	ng		-0.02
38) Acenaphthene-d10	12.59	164	146676	20.00	ng		-0.02
63) Phenanthrene-d10	15.00	188	205921	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	152525	20.00	ng		-0.01
86) Perylene-d12	20.36	264	124720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	720610	129.51	ng		-0.02
7) Phenol-d6	7.30	99	839050	125.68	ng		-0.02
23) Nitrobenzene-d5	8.65	82	478016	82.94	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	120739	100.51	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	903030	88.61	ng		-0.02
78) Terphenyl-d14	17.32	244	484545	69.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	74255	27.21	ng		93
3) Pyridine	2.95	79	155124	24.53	ng		97
4) n-Nitrosodimethylamine	2.87	42	70591	26.78	ng		81
6) Aniline	7.27	93	167322	19.85	ng		92
8) 2-Chlorophenol	7.44	128	232296	36.68	ng		97
9) Benzaldehyde	7.09	77	77182	18.93	ng		97
10) Phenol	7.32	94	300640	42.73	ng		89
11) bis(2-Chloroethyl)ether	7.38	93	211296	36.38	ng		96
12) 1,3-Dichlorobenzene	7.65	146	253933	35.35	ng		99
13) 1,4-Dichlorobenzene	7.78	146	260235	35.72	ng		98
14) 1,2-Dichlorobenzene	8.01	146	245487	36.10	ng		97
15) Benzyl Alcohol	8.04	79	179259	41.75	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	281521	34.25	ng		96
17) 2-Methylphenol	8.25	107	186139	35.91	ng		98
18) Hexachloroethane	8.52	117	79030	32.02	ng		88
19) n-Nitroso-di-n-propylamine	8.45	70	162416	35.97	ng		93
20) 3+4-Methylphenols	8.52	107	234819	33.34	ng	#	55
22) Acetophenone	8.42	105	327880	37.60	ng	#	84
24) Nitrobenzene	8.68	77	218417	36.16	ng		90
25) Isophorone	9.08	82	391267	38.02	ng		95
26) 2-Nitrophenol	9.19	139	119420	36.63	ng		96
27) 2,4-Dimethylphenol	9.33	122	198950	37.75	ng		97
28) bis(2-Chloroethoxy)methane	9.44	93	262783	36.91	ng		99
29) 2,4-Dichlorophenol	9.64	162	172957	34.76	ng		96
30) 1,2,4-Trichlorobenzene	9.69	180	192444	36.10	ng		98
31) Naphthalene	9.80	128	695904	38.10	ng		99
33) 4-Chloroaniline	9.99	127	63480	9.33	ng	#	89
34) Hexachlorobutadiene	10.01	225	92915	33.03	ng		98
35) Caprolactam	10.56	113	52918m	35.41	ng		
36) 4-Chloro-3-methylphenol	10.82	107	178427	33.54	ng		90
37) 2-Methylnaphthalene	10.92	142	448798	37.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	166518	36.92	ng		99
40) Hexachlorocyclopentadiene	11.18	237	4040	8.02	ng		85
42) 2,4,6-Trichlorophenol	11.44	196	112048	37.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.55	196	101885	31.48	ng		95
45) 1,1'-Biphenyl	11.69	154	475839	38.53	ng		97
46) 2-Chloronaphthalene	11.71	162	359659	36.07	ng		95
47) 2-Nitroaniline	11.94	65	87621	32.10	ng	#	82
48) Acenaphthylene	12.37	152	635941	40.72	ng		97
49) Dimethylphthalate	12.24	163	605015	50.24	ng		99
50) 2,6-Dinitrotoluene	12.34	165	85471	34.79	ng		94
51) Acenaphthene	12.65	154	359796	38.57	ng		100
52) 3-Nitroaniline	12.62	138	60065	22.78	ng		90
54) Dibenzofuran	12.94	168	513469	39.78	ng		98
55) 4-Nitrophenol	13.05	139	57804	36.50	ng	#	81
56) 2,4-Dinitrotoluene	13.02	165	102316	32.41	ng	#	94
57) Fluorene	13.49	166	416872	37.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	58071m	28.51	ng		
59) Diethylphthalate	13.38	149	381341	33.04	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	161842	32.81	ng		90
61) 4-Nitroaniline	13.62	138	53941	22.28	ng		93
62) Azobenzene	13.77	77	307671	33.18	ng		91
64) 4,6-Dinitro-2-methylphenol	13.71	198	6993	5.07	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	307565	41.15	ng		99
66) 4-Bromophenyl-phenylether	14.30	248	82721	38.02	ng		97
67) Hexachlorobenzene	14.39	284	74138	33.25	ng	#	88
68) Atrazine	14.64	200	81586	38.66	ng		98
69) Pentachlorophenol	14.76	266	41152	43.69	ng		93
70) Phenanthrene	15.05	178	1237124	104.56	ng		99
71) Anthracene	15.12	178	554044	45.84	ng		98
72) Carbazole	15.41	167	427566	38.88	ng		98
73) Di-n-butylphthalate	15.97	149	500780	36.52	ng		99
74) Fluoranthene	16.79	202	1470779	121.18	ng		99
77) Pyrene	17.09	202	1319441	115.67	ng		99
79) Butylbenzylphthalate	17.98	149	178502	33.64	ng		90
80) Benzo(a)anthracene	18.67	228	841640	94.81	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	61335	20.01	ng	#	97
82) Chrysene	18.72	228	817762	95.27	ng		98
83) Bis(2-ethylhexyl)phthalate	18.73	149	260384	34.44	ng	#	97
84) Di-n-octyl phthalate	19.50	149	465885	37.59	ng		97
85) Indeno(1,2,3-cd)pyrene	21.69	276	457410	65.62	ng		98
87) Benzo(b)fluoranthene	19.95	252	836468	108.54	ng		98
88) Benzo(k)fluoranthene	19.98	252	378084m	50.86	ng		
89) Benzo(a)pyrene	20.31	252	585538	82.34	ng		98
90) Dibenzo(a,h)anthracene	21.69	278	259989	44.27	ng		97
91) Benzo(g,h,i)perylene	22.08	276	420987	73.04	ng		98

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

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