Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092904.D
Acq On : 11 Feb 2017 00:56
Operator : SJ/MA
Sample : I1777-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 38-SB-02-0-2MS

Manual Integrations APPROVED
mohammad
2/13/2017 12:41:25 PM

Quant Time: Feb 11 02:27:46 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181739	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	726671	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	398916	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	610281	20.00	ng		0.00
75) Chrysene-d12	14.07	240	404245	20.00	ng		0.00
86) Perylene-d12	15.51	264	346487	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1160888	109.59	ng		0.01
7) Phenol-d6	6.54	99	1586311	116.38	ng		0.01
23) Nitrobenzene-d5	7.47	82	1089146	83.47	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	343235	118.96	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1840189	83.57	ng		0.00
78) Terphenyl-d14	13.01	244	1373514	79.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	180907	31.61	ng	#	85
3) Pyridine	3.30	79	396981	27.27	ng		88
4) n-Nitrosodimethylamine	3.25	42	255408	37.37	ng		85
6) Aniline	6.56	93	361228	19.43	ng	#	22
8) 2-Chlorophenol	6.68	128	452374	38.71	ng		94
9) Benzaldehyde	6.44	77	178275	18.26	ng		99
10) Phenol	6.56	94	707160	44.35	ng		83
11) bis(2-Chloroethyl)ether	6.64	93	471224	37.02	ng		94
12) 1,3-Dichlorobenzene	6.83	146	517345m	37.80	ng		
13) 1,4-Dichlorobenzene	6.91	146	512399	36.99	ng		98
14) 1,2-Dichlorobenzene	7.07	146	514057	38.80	ng		95
15) Benzyl Alcohol	7.05	79	420426	41.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	878935	39.75	ng		98
17) 2-Methylphenol	7.16	107	402831	40.18	ng		98
18) Hexachloroethane	7.41	117	184168	38.94	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	354198	40.82	ng	#	95
20) 3+4-Methylphenols	7.31	107	479894	40.03	ng	#	66
22) Acetophenone	7.31	105	616052	37.13	ng	#	93
24) Nitrobenzene	7.48	77	481053	35.90	ng		98
25) Isophorone	7.72	82	960843	39.51	ng		96
26) 2-Nitrophenol	7.80	139	280832	44.09	ng		92
27) 2,4-Dimethylphenol	7.85	122	464368	41.51	ng		91
28) bis(2-Chloroethoxy)methane	7.94	93	667936	41.48	ng		99
29) 2,4-Dichlorophenol	8.04	162	412513	39.54	ng		89
30) 1,2,4-Trichlorobenzene	8.12	180	430681	38.31	ng	#	95
31) Naphthalene	8.20	128	1298672	35.25	ng		99
32) Benzoic acid	7.97	122	1355m	7.35	ng		
33) 4-Chloroaniline	8.26	127	236928	16.40	ng	#	93
34) Hexachlorobutadiene	8.32	225	230188	37.21	ng		99
35) Caprolactam	8.64	113	123011m	37.49	ng		
36) 4-Chloro-3-methylphenol	8.75	107	458252	42.13	ng		94
37) 2-Methylnaphthalene	8.90	142	977980	41.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	404213	36.10	ng		99
40) Hexachlorocyclopentadiene	9.05	237	295717	58.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	298634	40.59	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	291630	36.17	ng		95
45) 1,1'-Biphenyl	9.37	154	1128893	39.08	ng		99
46) 2-Chloronaphthalene	9.39	162	939271	41.57	ng		98
47) 2-Nitroaniline	9.48	65	265248	34.91	ng		97
48) Acenaphthylene	9.80	152	1319743	33.81	ng		99
49) Dimethylphthalate	9.66	163	1118015	41.61	ng		99
50) 2,6-Dinitrotoluene	9.73	165	255682	44.06	ng		88
51) Acenaphthene	9.97	154	790424	33.87	ng		96
52) 3-Nitroaniline	9.89	138	155348	23.39	ng		96
53) 2,4-Dinitrophenol	10.01	184	44471	18.91	ng	#	92
54) Dibenzofuran	10.14	168	1124417	36.02	ng		96
55) 4-Nitrophenol	10.08	139	335053	70.05	ng	#	78
56) 2,4-Dinitrotoluene	10.13	165	275131	35.61	ng		96
57) Fluorene	10.49	166	854941	35.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	228008	42.40	ng		92
59) Diethylphthalate	10.36	149	946482	37.38	ng		100
60) 4-Chlorophenyl-phenylether	10.48	204	386355	33.49	ng		95
61) 4-Nitroaniline	10.51	138	207217	30.47	ng		93
62) Azobenzene	10.64	77	1014250	38.77	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	83603	23.92	ng		94
65) n-Nitrosodiphenylamine	10.60	169	787971	40.42	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	236259	37.05	ng		97
67) Hexachlorobenzene	11.04	284	230666	36.61	ng	#	87
68) Atrazine	11.13	200	233702	37.35	ng		99
69) Pentachlorophenol	11.23	266	214129	67.11	ng		97
70) Phenanthrene	11.45	178	1288149	36.84	ng		99
71) Anthracene	11.50	178	1351592	38.49	ng		99
72) Carbazole	11.66	167	1192921	35.54	ng		97
73) Di-n-butylphthalate	11.98	149	1391155	38.33	ng	#	97
74) Fluoranthene	12.64	202	1276668	35.40	ng		98
76) Benzidine	12.76	184	274265	15.92	ng		96
77) Pyrene	12.87	202	1219885	40.32	ng		100
79) Butylbenzylphthalate	13.48	149	550321	44.80	ng		89
80) Benzo(a)anthracene	14.05	228	912733	36.92	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	218484	24.79	ng	#	95
82) Chrysene	14.09	228	844302m	36.47	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	746209	44.42	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1152207	42.12	ng		98
85) Indeno(1,2,3-cd)pyrene	16.95	276	922281	51.44	ng		95
87) Benzo(b)fluoranthene	15.09	252	943382m	41.37	ng		
88) Benzo(k)fluoranthene	15.12	252	739221m	37.54	ng		
89) Benzo(a)pyrene	15.45	252	829402	42.04	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	721697	45.27	ng		96
91) Benzo(g,h,i)perylene	17.39	276	809027	50.23	ng		96

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

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