Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092898.D
Acq On : 10 Feb 2017 22:12
Operator : SJ/MA
Sample : I1769-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 9717MS

Manual Integrations APPROVED
mohammad
2/13/2017 12:40:53 PM

Quant Time: Feb 11 00:23:31 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	158607	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	653090	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	354743	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	580112	20.00	ng		0.00
75) Chrysene-d12	14.07	240	461109	20.00	ng		0.00
86) Perylene-d12	15.51	264	352422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1120867	121.24	ng		0.02
7) Phenol-d6	6.54	99	1282452	107.81	ng		0.01
23) Nitrobenzene-d5	7.47	82	1016726	86.69	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	377168	147.00	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1761064	89.94	ng		0.00
78) Terphenyl-d14	13.01	244	1590129	81.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	148750	29.78	ng	#	74
3) Pyridine	3.39	79	289827	22.82	ng		89
4) n-Nitrosodimethylamine	3.31	42	211592	35.48	ng		90
6) Aniline	6.57	93	164665	10.15	ng	#	56
8) 2-Chlorophenol	6.68	128	419034	41.09	ng		91
9) Benzaldehyde	6.44	77	146185	17.15	ng		94
10) Phenol	6.56	94	553076	39.74	ng	#	73
11) bis(2-Chloroethyl)ether	6.64	93	430352	38.74	ng		93
12) 1,3-Dichlorobenzene	6.84	146	460468	38.55	ng		98
13) 1,4-Dichlorobenzene	6.91	146	446731	36.95	ng		99
14) 1,2-Dichlorobenzene	7.07	146	459645	39.76	ng		96
15) Benzyl Alcohol	7.05	79	389286	44.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	784213	40.64	ng		95
17) 2-Methylphenol	7.16	107	367258	41.97	ng		96
18) Hexachloroethane	7.41	117	162403	39.35	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	335322	44.28	ng	#	95
20) 3+4-Methylphenols	7.32	107	441722	42.22	ng	#	87
22) Acetophenone	7.31	105	597287	40.06	ng	#	96
24) Nitrobenzene	7.48	77	445161	36.97	ng		98
25) Isophorone	7.72	82	941308	43.07	ng		96
26) 2-Nitrophenol	7.80	139	247067	43.16	ng		94
27) 2,4-Dimethylphenol	7.85	122	450818	44.84	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	627445	43.35	ng		99
29) 2,4-Dichlorophenol	8.05	162	411106	43.85	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	401054	39.69	ng		95
31) Naphthalene	8.20	128	1283760	38.78	ng		99
32) Benzoic acid	7.98	122	225721	40.88	ng		94
33) 4-Chloroaniline	8.26	127	106057	8.17	ng		98
34) Hexachlorobutadiene	8.33	225	223009	40.12	ng		98
35) Caprolactam	8.66	113	91565	31.05	ng	#	46
36) 4-Chloro-3-methylphenol	8.75	107	425333	43.51	ng		97
37) 2-Methylnaphthalene	8.90	142	886563	41.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	410174	41.19	ng		99
40) Hexachlorocyclopentadiene	9.05	237	280868	62.52	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	302799	46.28	ng		93
43) 2,4,5-Trichlorophenol	9.23	196	312600m	43.60	ng		
45) 1,1'-Biphenyl	9.37	154	1163215	45.28	ng		100
46) 2-Chloronaphthalene	9.39	162	882436	43.91	ng		98
47) 2-Nitroaniline	9.49	65	299831	44.38	ng	#	76
48) Acenaphthylene	9.80	152	1316906	37.94	ng		99
49) Dimethylphthalate	9.68	163	1114129	46.63	ng		99
50) 2,6-Dinitrotoluene	9.73	165	246236	47.72	ng		95
51) Acenaphthene	9.97	154	871105	41.97	ng		96
52) 3-Nitroaniline	9.89	138	69655	11.80	ng		98
53) 2,4-Dinitrophenol	10.01	184	182723	70.22	ng	#	63
54) Dibenzofuran	10.14	168	1171393	42.20	ng		98
55) 4-Nitrophenol	10.08	139	291467	68.53	ng		89
56) 2,4-Dinitrotoluene	10.13	165	287056	41.78	ng		93
57) Fluorene	10.49	166	842422	39.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	249427	52.15	ng		94
59) Diethylphthalate	10.37	149	1046124	46.46	ng	#	93
60) 4-Chlorophenyl-phenylether	10.48	204	425142	41.44	ng		95
61) 4-Nitroaniline	10.52	138	241983	40.01	ng		83
62) Azobenzene	10.64	77	1094504	47.05	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	146806	41.93	ng	#	68
65) n-Nitrosodiphenylamine	10.60	169	776064	41.88	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	257315	42.46	ng		91
67) Hexachlorobenzene	11.04	284	249991	41.74	ng	#	87
68) Atrazine	11.14	200	280036	47.09	ng		93
69) Pentachlorophenol	11.24	266	292799	93.38	ng		98
70) Phenanthrene	11.45	178	1338895	40.28	ng		99
71) Anthracene	11.50	178	1433745	42.96	ng		99
72) Carbazole	11.66	167	1338723	41.96	ng		97
73) Di-n-butylphthalate	11.98	149	1473756	42.71	ng	#	98
74) Fluoranthene	12.64	202	1287777	37.56	ng		98
76) Benzidine	12.76	184	170802	8.69	ng	#	95
77) Pyrene	12.86	202	1255786	36.39	ng		99
79) Butylbenzylphthalate	13.48	149	641522	45.78	ng		91
80) Benzo(a)anthracene	14.05	228	1117888	39.64	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	218795	21.76	ng	#	96
82) Chrysene	14.09	228	938904	35.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	887068	46.29	ng	#	96
84) Di-n-octyl phthalate	14.65	149	1454933	46.62	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	889040	43.47	ng		95
87) Benzo(b)fluoranthene	15.09	252	985635	42.49	ng		98
88) Benzo(k)fluoranthene	15.13	252	953284m	47.60	ng		
89) Benzo(a)pyrene	15.45	252	879259	43.82	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	743442	45.84	ng		96
91) Benzo(g,h,i)perylene	17.38	276	756515	46.18	ng	#	90

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

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