Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085698.D
Acq On : 23 Mar 2016 10:51
Operator : UM/SJ
Sample : H1857-17MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(8-10)MS

Manual Integrations APPROVED
UMANGI
3/24/2016 11:49:12 AM

Quant Time: Mar 23 14:52:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131640	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	522094	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	246228	20.00	ng		-0.02
63) Phenanthrene-d10	11.35	188	386356	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	233738	20.00	ng		-0.02
86) Perylene-d12	15.41	264	221544	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1027241	131.07	ng		-0.01
7) Phenol-d6	6.48	99	1370681	136.36	ng		-0.01
23) Nitrobenzene-d5	7.41	82	922188	102.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	300032	124.39	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1340506	95.96	ng		-0.02
78) Terphenyl-d14	12.94	244	888045	91.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	126462	33.19	ng		99
3) Pyridine	3.20	79	368081	39.35	ng		99
4) n-Nitrosodimethylamine	3.16	42	164157	42.03	ng		100
6) Aniline	6.49	93	150963	11.18	ng	#	1
8) 2-Chlorophenol	6.62	128	379462	41.85	ng		91
9) Benzaldehyde	6.38	77	61252	9.96	ng		96
10) Phenol	6.49	94	528270	46.14	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	542360	62.84	ng		97
12) 1,3-Dichlorobenzene	6.78	146	399547	40.44	ng		99
13) 1,4-Dichlorobenzene	6.85	146	384925	38.20	ng		99
14) 1,2-Dichlorobenzene	7.01	146	392006	43.81	ng		99
15) Benzyl Alcohol	6.98	79	322862	46.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	476107	41.95	ng		83
17) 2-Methylphenol	7.10	107	339266	45.14	ng		99
18) Hexachloroethane	7.35	117	137274	37.73	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	280874	46.78	ng		97
20) 3+4-Methylphenols	7.25	107	401524	46.13	ng	#	87
22) Acetophenone	7.25	105	507643	40.97	ng		97
24) Nitrobenzene	7.42	77	372189	37.80	ng		99
25) Isophorone	7.66	82	777251	43.16	ng		99
26) 2-Nitrophenol	7.74	139	224608	46.16	ng		99
27) 2,4-Dimethylphenol	7.78	122	403575	46.90	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	514993	50.28	ng		99
29) 2,4-Dichlorophenol	7.98	162	315174	44.36	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	323736	40.67	ng		99
31) Naphthalene	8.14	128	1127102	42.77	ng		100
32) Benzoic acid	7.78	122	403575	56.09	ng	#	11
33) 4-Chloroaniline	8.21	127	215811	19.98	ng		96
34) Hexachlorobutadiene	8.26	225	169703	40.01	ng		99
35) Caprolactam	8.57	113	112870m	46.17	ng		
36) 4-Chloro-3-methylphenol	8.69	107	382725	46.12	ng		91
37) 2-Methylnaphthalene	8.84	142	779544	48.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	283663	37.98	ng		99
40) Hexachlorocyclopentadiene	8.98	237	64711	19.22	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	210409	41.15	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	219992	42.28	ng	#	81
45) 1,1'-Biphenyl	9.29	154	790108	37.20	ng		100
46) 2-Chloronaphthalene	9.33	162	666866	42.98	ng		98
47) 2-Nitroaniline	9.42	65	200797	42.78	ng		93
48) Acenaphthylene	9.74	152	1063533	42.35	ng		100
49) Dimethylphthalate	9.60	163	989075	53.23	ng		99
50) 2,6-Dinitrotoluene	9.67	165	173165	44.15	ng	#	54
51) Acenaphthene	9.91	154	649520	41.22	ng		99
52) 3-Nitroaniline	9.83	138	143264	29.16	ng		98
53) 2,4-Dinitrophenol	9.94	184	8902	3.70	ng	#	78
54) Dibenzofuran	10.08	168	931010	48.52	ng		99
55) 4-Nitrophenol	10.00	139	262033	69.01	ng		97
56) 2,4-Dinitrotoluene	10.07	165	240014	46.73	ng	#	78
57) Fluorene	10.42	166	695642	43.50	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	156336	41.73	ng		99
59) Diethylphthalate	10.30	149	765049	41.41	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	320533	41.04	ng		94
61) 4-Nitroaniline	10.45	138	191334	39.51	ng		95
62) Azobenzene	10.57	77	824587	46.52	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	29495	11.93	ng	#	77
65) n-Nitrosodiphenylamine	10.54	169	625330	51.96	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	196127	50.82	ng		94
67) Hexachlorobenzene	10.97	284	200238	48.83	ng		93
68) Atrazine	11.06	200	191075	52.15	ng		98
69) Pentachlorophenol	11.17	266	188772	75.83	ng		99
70) Phenanthrene	11.38	178	1035087	50.81	ng		100
71) Anthracene	11.43	178	847680	39.68	ng		100
72) Carbazole	11.59	167	832950	45.20	ng		100
73) Di-n-butylphthalate	11.92	149	1053737	45.66	ng		100
74) Fluoranthene	12.57	202	827915	38.81	ng		99
76) Benzidine	12.69	184	247063	31.43	ng		99
77) Pyrene	12.80	202	836479	49.84	ng		100
79) Butylbenzylphthalate	13.41	149	357395	44.68	ng	#	78
80) Benzo(a)anthracene	13.98	228	584622	43.08	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	154708	31.11	ng	#	96
82) Chrysene	14.01	228	547092	41.91	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	480515	48.35	ng	#	97
84) Di-n-octyl phthalate	14.57	149	771064	47.61	ng		100
85) Indeno(1,2,3-cd)pyrene	16.79	276	517568	47.45	ng		99
87) Benzo(b)fluoranthene	15.01	252	674323m	46.65	ng		
88) Benzo(k)fluoranthene	15.03	252	434397m	36.47	ng		
89) Benzo(a)pyrene	15.35	252	534326	43.60	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	439997	43.05	ng		97
91) Benzo(g,h,i)perylene	17.21	276	398649	40.29	ng		94

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

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