Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085515.D
Acq On : 18 Mar 2016 2:29
Operator : UM/SJ
Sample : H1774-12MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14-COMPMSD

Manual Integrations APPROVED
UMANGI
3/18/2016 11:57:26 AM

Quant Time: Mar 18 03:56:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	151359	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	568922	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	262097	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	443959	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	278566	20.00	ng		-0.05
86) Perylene-d12	15.48	264	285007	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1123186	127.56	ng		-0.02
7) Phenol-d6	6.52	99	1444534	126.47	ng		-0.03
23) Nitrobenzene-d5	7.44	82	922767	95.90	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	281756	116.72	ng		-0.05
44) 2-Fluorobiphenyl	9.25	172	1437453	95.15	ng		-0.03
78) Terphenyl-d14	12.98	244	976728	79.32	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	160282	36.48	ng		99
3) Pyridine	3.32	79	382698	36.69	ng		95
4) n-Nitrosodimethylamine	3.27	42	204136	42.38	ng		91
6) Aniline	6.54	93	412229	26.14	ng	#	74
8) 2-Chlorophenol	6.66	128	443531	42.96	ng		97
9) Benzaldehyde	6.42	77	97854	15.34	ng		92
10) Phenol	6.53	94	466818	36.46	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	459360	46.66	ng		99
12) 1,3-Dichlorobenzene	6.81	146	470990m	41.16	ng		
13) 1,4-Dichlorobenzene	6.89	146	470772	41.07	ng		98
14) 1,2-Dichlorobenzene	7.05	146	461892	45.92	ng		97
15) Benzyl Alcohol	7.02	79	374748	45.94	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	556782	41.53	ng		97
17) 2-Methylphenol	7.14	107	372037	43.04	ng		96
18) Hexachloroethane	7.40	117	174043	41.39	ng	#	88
19) n-Nitroso-di-n-propylamine	7.30	70	319513	46.71	ng		97
20) 3+4-Methylphenols	7.29	107	414101	44.69	ng	#	83
22) Acetophenone	7.29	105	565500	40.56	ng		96
24) Nitrobenzene	7.46	77	466705	43.05	ng		98
25) Isophorone	7.70	82	871687	44.42	ng		98
26) 2-Nitrophenol	7.78	139	259741	50.01	ng		92
27) 2,4-Dimethylphenol	7.82	122	389151	42.13	ng		93
28) bis(2-Chloroethoxy)methane	7.91	93	532870	45.42	ng		99
29) 2,4-Dichlorophenol	8.02	162	367548	49.04	ng		92
30) 1,2,4-Trichlorobenzene	8.10	180	368542	42.56	ng		99
31) Naphthalene	8.18	128	1186658	42.69	ng		99
32) Benzoic acid	7.92	122	110320	20.77	ng		92
33) 4-Chloroaniline	8.23	127	206117	17.24	ng		97
34) Hexachlorobutadiene	8.31	225	193928	42.84	ng		98
35) Caprolactam	8.61	113	121946m	49.83	ng		
36) 4-Chloro-3-methylphenol	8.72	107	377651	44.13	ng		99
37) 2-Methylnaphthalene	8.88	142	848825	48.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	312111	38.29	ng		98
40) Hexachlorocyclopentadiene	9.03	237	199900	50.74	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	238774	44.35	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	239948	44.12	ng		100
45) 1,1'-Biphenyl	9.34	154	887395	41.48	ng		99
46) 2-Chloronaphthalene	9.37	162	738342	46.06	ng		100
47) 2-Nitroaniline	9.46	65	235936	48.61	ng		88
48) Acenaphthylene	9.78	152	1149857	44.34	ng		98
49) Dimethylphthalate	9.65	163	1039606	54.37	ng		99
50) 2,6-Dinitrotoluene	9.70	165	173727	41.12	ng	#	83
51) Acenaphthene	9.96	154	721875	44.28	ng		99
52) 3-Nitroaniline	9.88	138	166664	32.99	ng		92
53) 2,4-Dinitrophenol	9.98	184	107022	49.15	ng	#	62
54) Dibenzofuran	10.13	168	963678	48.12	ng		98
55) 4-Nitrophenol	10.05	139	320954	92.31	ng		85
56) 2,4-Dinitrotoluene	10.12	165	265917	50.19	ng	#	79
57) Fluorene	10.47	166	748922	46.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	178290	47.75	ng		95
59) Diethylphthalate	10.34	149	815338	44.05	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	329446	40.15	ng		98
61) 4-Nitroaniline	10.49	138	202178	42.57	ng		91
62) Azobenzene	10.62	77	836606	45.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	82747	31.20	ng	#	53
65) n-Nitrosodiphenylamine	10.58	169	691753	50.56	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	208815	46.47	ng		98
67) Hexachlorobenzene	11.02	284	220421	47.54	ng		100
68) Atrazine	11.11	200	224104	57.24	ng		96
69) Pentachlorophenol	11.21	266	238089	96.88	ng		99
70) Phenanthrene	11.43	178	1043763	45.14	ng		99
71) Anthracene	11.48	178	1022811	43.43	ng		99
72) Carbazole	11.64	167	943787	47.36	ng		99
73) Di-n-butylphthalate	11.97	149	1220734	49.45	ng		98
74) Fluoranthene	12.62	202	953727	43.88	ng		95
76) Benzidine	12.73	184	251247	29.04	ng		98
77) Pyrene	12.85	202	955779	45.75	ng		98
79) Butylbenzylphthalate	13.47	149	441427	48.32	ng	#	69
80) Benzo(a)anthracene	14.03	228	689129	43.15	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	197533	36.54	ng		98
82) Chrysene	14.06	228	657260	45.75	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	574721	51.57	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1001304	61.54	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	734618	53.94	ng		98
87) Benzo(b)fluoranthene	15.07	252	769285m	41.33	ng		
88) Benzo(k)fluoranthene	15.09	252	603864m	41.42	ng		
89) Benzo(a)pyrene	15.42	252	699044	43.47	ng		100
90) Dibenzo(a,h)anthracene	16.91	278	630343	40.13	ng		99
91) Benzo(g,h,i)perylene	17.32	276	582223	36.29	ng		99

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

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