Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099952.D
Acq On : 30 Oct 2017 12:08
Operator : SJ/JU
Sample : PB103742BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103742BS

Manual Integrations APPROVED
Sohil
10/31/2017 7:40:56 PM

Quant Time: Oct 30 16:29:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 16:10:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89661	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	375907	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	181975	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	328139	20.00	ng		0.00
75) Chrysene-d12	13.99	240	234496	20.00	ng		0.01
86) Perylene-d12	15.50	264	172280	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	487763	85.41	ng		0.02
7) Phenol-d6	6.44	99	562740	83.10	ng		0.00
23) Nitrobenzene-d5	7.36	82	322239	55.19	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	143724	86.67	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	716001	60.70	ng		0.00
78) Terphenyl-d14	12.91	244	653627	60.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	61411	24.350	ng	#	91
3) Pyridine	3.38	79	140444	23.157	ng		91
4) n-Nitrosodimethylamine	3.32	42	55422	25.580	ng	#	72
6) Aniline	6.46	93	112533	12.817	ng	#	61
8) 2-Chlorophenol	6.58	128	174012	28.589	ng		89
9) Benzaldehyde	6.35	77	79683	19.692	ng		93
10) Phenol	6.45	94	206453	27.768	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	161614	28.149	ng		94
12) 1,3-Dichlorobenzene	6.73	146	187390m	27.419	ng		
13) 1,4-Dichlorobenzene	6.80	146	191582	27.620	ng		98
14) 1,2-Dichlorobenzene	6.96	146	176273	27.884	ng		96
15) Benzyl Alcohol	6.94	79	123054	28.574	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	198539	31.130	ng	#	16
17) 2-Methylphenol	7.06	107	139104	27.322	ng	#	92
18) Hexachloroethane	7.29	117	62913	27.187	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	111056	27.985	ng		90
20) 3+4-Methylphenols	7.21	107	187036	31.550	ng	#	87
22) Acetophenone	7.20	105	231855	27.089	ng	#	93
24) Nitrobenzene	7.37	77	160998	27.366	ng		95
25) Isophorone	7.61	82	303558	28.651	ng		98
26) 2-Nitrophenol	7.69	139	97251	28.861	ng	#	86
27) 2,4-Dimethylphenol	7.73	122	156411	31.504	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	203746	27.459	ng		97
29) 2,4-Dichlorophenol	7.95	162	154450	29.946	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	152257	27.629	ng		99
31) Naphthalene	8.09	128	499824	27.546	ng		100
32) Benzoic acid	7.88	122	91530	20.945	ng		96
33) 4-Chloroaniline	8.16	127	84146	11.230	ng	#	92
34) Hexachlorobutadiene	8.20	225	76037	26.826	ng		99
35) Caprolactam	8.53	113	46978	28.964	ng	#	71
36) 4-Chloro-3-methylphenol	8.65	107	152565	28.982	ng		91
37) 2-Methylnaphthalene	8.78	142	355365	29.224	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	146836	24.983	ng		97
40) Hexachlorocyclopentadiene	8.93	237	41209	43.661	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	101584	28.574	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	104512	27.703	ng		92
45) 1,1'-Biphenyl	9.25	154	420399	25.537	ng		98
46) 2-Chloronaphthalene	9.27	162	329778	27.584	ng		95
47) 2-Nitroaniline	9.39	65	83595	26.641	ng	#	82
48) Acenaphthylene	9.69	152	493345	26.792	ng		99
49) Dimethylphthalate	9.55	163	380394	26.396	ng		99
50) 2,6-Dinitrotoluene	9.62	165	83256	27.482	ng		96
51) Acenaphthene	9.86	154	299710	26.638	ng		99
52) 3-Nitroaniline	9.80	138	55597	15.575	ng	#	88
53) 2,4-Dinitrophenol	9.93	184	39923	36.735	ng	#	83
54) Dibenzofuran	10.03	168	447808	28.196	ng		99
55) 4-Nitrophenol	9.99	139	78871	42.287	ng		82
56) 2,4-Dinitrotoluene	10.04	165	108744	29.806	ng		88
57) Fluorene	10.38	166	364257	27.700	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	79677	30.122	ng		92
59) Diethylphthalate	10.25	149	382520	27.181	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	170381	27.531	ng	#	88
61) 4-Nitroaniline	10.42	138	74472	21.867	ng		83
62) Azobenzene	10.53	77	321960	27.292	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	37258	18.063	ng	#	72
65) n-Nitrosodiphenylamine	10.49	169	326588	26.962	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	98093	28.396	ng		89
67) Hexachlorobenzene	10.93	284	99372	28.118	ng		97
68) Atrazine	11.02	200	100277	27.559	ng		99
69) Pentachlorophenol	11.14	266	70797	46.881	ng		99
70) Phenanthrene	11.35	178	511902	27.643	ng		99
71) Anthracene	11.40	178	542002	28.834	ng		98
72) Carbazole	11.56	167	470112	26.595	ng		99
73) Di-n-butylphthalate	11.87	149	621810	27.579	ng		98
74) Fluoranthene	12.55	202	522877	27.170	ng		96
76) Benzidine	12.67	184	23666	2.306	ng		99
77) Pyrene	12.77	202	532998	29.892	ng		98
79) Butylbenzylphthalate	13.38	149	249484	28.413	ng		90
80) Benzo(a)anthracene	13.98	228	397102	26.713	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	98153	18.190	ng		99
82) Chrysene	14.02	228	381269m	27.281	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	356562	28.917	ng		99
84) Di-n-octyl phthalate	14.59	149	574059	27.125	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.00	276	276130	21.523	ng		97
87) Benzo(b)fluoranthene	15.07	252	301056	27.674	ng		98
88) Benzo(k)fluoranthene	15.10	252	304859	29.719	ng		100
89) Benzo(a)pyrene	15.44	252	277504	28.398	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	233315	26.870	ng		97
91) Benzo(g,h,i)perylene	17.45	276	238869	28.118	ng		97

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

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