Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099887.D
Acq On : 27 Oct 2017 20:55
Operator : SJ/JU
Sample : PB103711BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Manual Integrations APPROVED
Sohil
10/30/2017 6:16:40 PM

Quant Time: Oct 27 23:02:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92060	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	381589	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	179406	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	322222	20.00	ng		0.00
75) Chrysene-d12	13.99	240	187713	20.00	ng		0.00
86) Perylene-d12	15.46	264	152488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	513066	87.50	ng		0.01
7) Phenol-d6	6.45	99	602408	86.64	ng		0.00
23) Nitrobenzene-d5	7.36	82	342498	57.79	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	144491	88.38	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	748651	64.38	ng		0.00
78) Terphenyl-d14	12.92	244	618630	72.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	65616	25.340	ng	#	90
3) Pyridine	3.38	79	158485	25.451	ng	#	86
4) n-Nitrosodimethylamine	3.31	42	59030	26.535	ng	#	73
6) Aniline	6.46	93	128888	14.297	ng	#	53
8) 2-Chlorophenol	6.59	128	191655	30.667	ng		92
9) Benzaldehyde	6.35	77	88467	21.293	ng		93
10) Phenol	6.46	94	222686	29.171	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	170204	28.873	ng		93
12) 1,3-Dichlorobenzene	6.73	146	201518	28.718	ng		96
13) 1,4-Dichlorobenzene	6.81	146	203262	28.541	ng		97
14) 1,2-Dichlorobenzene	6.96	146	188883	29.100	ng		96
15) Benzyl Alcohol	6.95	79	132920	30.061	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	215486	32.907	ng	#	39
17) 2-Methylphenol	7.06	107	149813	28.658	ng	#	93
18) Hexachloroethane	7.30	117	68351	28.767	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	117819	28.916	ng		90
20) 3+4-Methylphenols	7.22	107	205991	33.841	ng	#	83
22) Acetophenone	7.21	105	251010	28.890	ng	#	94
24) Nitrobenzene	7.38	77	174329	29.191	ng		92
25) Isophorone	7.62	82	330417	30.722	ng		95
26) 2-Nitrophenol	7.70	139	105687	30.898	ng	#	85
27) 2,4-Dimethylphenol	7.74	122	166213	32.980	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	222403	29.527	ng		100
29) 2,4-Dichlorophenol	7.95	162	164798	31.477	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	163299	29.192	ng		97
31) Naphthalene	8.10	128	537575	29.185	ng		99
32) Benzoic acid	7.90	122	99724	22.480	ng		92
33) 4-Chloroaniline	8.16	127	84266	11.079	ng		96
34) Hexachlorobutadiene	8.20	225	81024	28.159	ng		96
35) Caprolactam	8.55	113	50007	30.373	ng	#	77
36) 4-Chloro-3-methylphenol	8.66	107	161064	30.141	ng		89
37) 2-Methylnaphthalene	8.79	142	379722	30.762	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	155442	26.826	ng		97
40) Hexachlorocyclopentadiene	8.94	237	56778	54.087	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	109559	31.259	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	112178	30.161	ng		95
45) 1,1'-Biphenyl	9.26	154	449566	27.700	ng		99
46) 2-Chloronaphthalene	9.29	162	350314	29.721	ng		95
47) 2-Nitroaniline	9.40	65	90468	29.244	ng	#	82
48) Acenaphthylene	9.70	152	526637	29.010	ng		99
49) Dimethylphthalate	9.56	163	410120	28.867	ng		99
50) 2,6-Dinitrotoluene	9.63	165	90053	30.151	ng		93
51) Acenaphthene	9.87	154	315144	28.411	ng		99
52) 3-Nitroaniline	9.81	138	67284	19.119	ng		91
53) 2,4-Dinitrophenol	9.93	184	50956	45.860	ng	#	84
54) Dibenzofuran	10.05	168	471808	30.133	ng		99
55) 4-Nitrophenol	10.00	139	96866	52.679	ng	#	76
56) 2,4-Dinitrotoluene	10.05	165	113816	31.643	ng		90
57) Fluorene	10.39	166	385215	29.714	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	83723	32.105	ng	#	92
59) Diethylphthalate	10.26	149	402818	29.033	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	176986	29.008	ng		90
61) 4-Nitroaniline	10.43	138	89212	26.570	ng		82
62) Azobenzene	10.54	77	344557	29.626	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	44090	21.767	ng	#	72
65) n-Nitrosodiphenylamine	10.50	169	340968	28.666	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	103787	30.596	ng		93
67) Hexachlorobenzene	10.95	284	102715	29.597	ng		93
68) Atrazine	11.03	200	103266	28.902	ng		99
69) Pentachlorophenol	11.15	266	77831	52.485	ng		97
70) Phenanthrene	11.36	178	534574	29.397	ng		98
71) Anthracene	11.41	178	558909	30.280	ng		99
72) Carbazole	11.57	167	485149	27.950	ng		99
73) Di-n-butylphthalate	11.89	149	637814	28.809	ng	#	98
74) Fluoranthene	12.55	202	530419	28.068	ng		99
76) Benzidine	12.68	184	133163	16.212	ng		98
77) Pyrene	12.78	202	523997	36.711	ng		99
79) Butylbenzylphthalate	13.39	149	226952	32.289	ng		94
80) Benzo(a)anthracene	13.97	228	355754	29.896	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	87980	20.368	ng		98
82) Chrysene	14.02	228	329472	29.450	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	295076	29.895	ng		97
84) Di-n-octyl phthalate	14.56	149	425105	25.093	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	319919	31.150	ng		97
87) Benzo(b)fluoranthene	15.03	252	286215m	29.725	ng		
88) Benzo(k)fluoranthene	15.06	252	256658	28.267	ng		98
89) Benzo(a)pyrene	15.40	252	269223	31.126	ng	#	97
90) Dibenzo(a,h)anthracene	16.94	278	270177	35.154	ng		97
91) Benzo(g,h,i)perylene	17.40	276	282618	37.586	ng		98

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

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