Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099836.D
Acq On : 26 Oct 2017 2:54
Operator : SJ/JU
Sample : PB103631BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103631BSD

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:26 AM

Quant Time: Oct 26 14:13:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	66744	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	268430	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	119969	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	215641	20.00	ng		0.00
75) Chrysene-d12	13.99	240	168155	20.00	ng		0.00
86) Perylene-d12	15.46	264	149725	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	248667	58.49	ng		0.00
7) Phenol-d6	6.43	99	294276	58.38	ng		0.00
23) Nitrobenzene-d5	7.36	82	238735	57.26	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	62366	57.04	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	511885	65.83	ng		0.00
78) Terphenyl-d14	12.92	244	477145	62.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	49966	26.615	ng	#	90
3) Pyridine	3.33	79	110108	24.389	ng		86
4) n-Nitrosodimethylamine	3.26	42	41174	25.529	ng	#	74
6) Aniline	6.46	93	91681	14.027	ng	#	89
8) 2-Chlorophenol	6.58	128	137025	30.242	ng		93
9) Benzaldehyde	6.35	77	68861	22.860	ng		91
10) Phenol	6.45	94	161538	29.187	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	121093	28.333	ng		93
12) 1,3-Dichlorobenzene	6.73	146	148337m	29.157	ng		
13) 1,4-Dichlorobenzene	6.81	146	149919	29.035	ng		97
14) 1,2-Dichlorobenzene	6.96	146	140190	29.791	ng		97
15) Benzyl Alcohol	6.95	79	97621	30.451	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	157621	33.200	ng		76
17) 2-Methylphenol	7.06	107	107605	28.392	ng		97
18) Hexachloroethane	7.30	117	45837	26.609	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	84851	28.724	ng		91
20) 3+4-Methylphenols	7.22	107	142617	32.317	ng		91
22) Acetophenone	7.20	105	179891	29.433	ng	#	94
24) Nitrobenzene	7.38	77	124267	29.580	ng		92
25) Isophorone	7.62	82	229525	30.337	ng		98
26) 2-Nitrophenol	7.70	139	68934	28.649	ng	#	85
27) 2,4-Dimethylphenol	7.73	122	120426	33.968	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	155422	29.333	ng		98
29) 2,4-Dichlorophenol	7.95	162	110278	29.943	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	116797	29.681	ng		99
31) Naphthalene	8.10	128	387493	29.905	ng		99
32) Benzoic acid	7.87	122	54469m	17.455	ng		
33) 4-Chloroaniline	8.16	127	80189	14.987	ng		95
34) Hexachlorobutadiene	8.21	225	57359	28.338	ng		98
35) Caprolactam	8.53	113	34562	29.841	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	110151	29.303	ng		98
37) 2-Methylnaphthalene	8.79	142	263508	30.347	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	109755	28.326	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	4533	16.787	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70744	30.184	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	75015	30.161	ng		93
45) 1,1'-Biphenyl	9.26	154	311400	28.693	ng		98
46) 2-Chloronaphthalene	9.29	162	239733	30.416	ng		95
47) 2-Nitroaniline	9.39	65	61563	29.760	ng		90
48) Acenaphthylene	9.70	152	361734	29.798	ng		99
49) Dimethylphthalate	9.56	163	275205	28.967	ng		100
50) 2,6-Dinitrotoluene	9.63	165	60060	30.072	ng	#	81
51) Acenaphthene	9.87	154	213257	28.750	ng		99
52) 3-Nitroaniline	9.80	138	49805	21.164	ng		97
53) 2,4-Dinitrophenol	9.94	184	8054	15.239	ng		94
54) Dibenzofuran	10.05	168	317115	30.287	ng		99
55) 4-Nitrophenol	9.99	139	65239	53.056	ng		90
56) 2,4-Dinitrotoluene	10.05	165	74233	30.863	ng		96
57) Fluorene	10.39	166	257445	29.697	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	52808m	30.283	ng		
59) Diethylphthalate	10.26	149	267917	28.877	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	116886	28.649	ng		88
61) 4-Nitroaniline	10.43	138	57960	25.815	ng		81
62) Azobenzene	10.54	77	226438	29.115	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	10783	7.955	ng		86
65) n-Nitrosodiphenylamine	10.50	169	226445	28.447	ng		97
66) 4-Bromophenyl-phenylether	10.87	248	67622	29.787	ng		90
67) Hexachlorobenzene	10.94	284	66143	28.479	ng		96
68) Atrazine	11.03	200	70578	29.516	ng		99
69) Pentachlorophenol	11.15	266	44430	44.770	ng		95
70) Phenanthrene	11.36	178	362530	29.790	ng		98
71) Anthracene	11.41	178	372786	30.178	ng		99
72) Carbazole	11.57	167	348566	30.006	ng		99
73) Di-n-butylphthalate	11.89	149	429460	28.985	ng	#	98
74) Fluoranthene	12.55	202	369975	29.254	ng		98
76) Benzidine	12.67	184	205674	27.952	ng		97
77) Pyrene	12.78	202	381692	29.851	ng		99
79) Butylbenzylphthalate	13.39	149	180530	28.672	ng		93
80) Benzo(a)anthracene	13.97	228	313363	29.396	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	100680	26.019	ng		99
82) Chrysene	14.01	228	303543	30.289	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	260523	29.464	ng		98
84) Di-n-octyl phthalate	14.56	149	440481	29.024	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	241376	26.236	ng		97
87) Benzo(b)fluoranthene	15.03	252	278891	29.498	ng		98
88) Benzo(k)fluoranthene	15.06	252	288939	32.410	ng		99
89) Benzo(a)pyrene	15.40	252	266612	31.393	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	206333	27.342	ng		96
91) Benzo(g,h,i)perylene	17.39	276	189999	25.735	ng		97

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

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