Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104688.D
Acq On : 20 Apr 2018 21:27
Operator : JU/SJ
Sample : PB108449BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108449BSD

Manual Integrations APPROVED
Sohil
4/23/2018 2:18:35 PM

Quant Time: Apr 21 04:49:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115038	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	471243	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	200934	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	325699	20.00	ng		0.00
75) Chrysene-d12	13.98	240	211932	20.00	ng		0.00
86) Perylene-d12	15.44	264	163405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	611629	81.30	ng		0.01
7) Phenol-d6	6.45	99	748778	81.00	ng		0.00
23) Nitrobenzene-d5	7.37	82	664555	92.08	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	165504	79.40	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1140957	89.70	ng		0.00
78) Terphenyl-d14	12.92	244	930244	100.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	117308	33.463	ng	#	88
3) Pyridine	3.31	79	335111	34.000	ng		88
4) n-Nitrosodimethylamine	3.28	42	131622	38.202	ng	#	73
6) Aniline	6.47	93	240348	18.715	ng		98
8) 2-Chlorophenol	6.59	128	335253	42.219	ng		95
9) Benzaldehyde	6.36	77	166858	33.942	ng		93
10) Phenol	6.46	94	398131	40.592	ng		91
11) bis(2-Chloroethyl)ether	6.54	93	304670	38.926	ng		95
12) 1,3-Dichlorobenzene	6.75	146	342964	38.124	ng		98
13) 1,4-Dichlorobenzene	6.82	146	345995	38.583	ng		99
14) 1,2-Dichlorobenzene	6.97	146	323224	38.895	ng		98
15) Benzyl Alcohol	6.95	79	258650	36.840	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	382479	36.388	ng		85
17) 2-Methylphenol	7.07	107	273701	39.652	ng	#	93
18) Hexachloroethane	7.32	117	98553	30.824	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	211052	34.939	ng		93
20) 3+4-Methylphenols	7.22	107	325338	38.003	ng	#	75
22) Acetophenone	7.22	105	429621	37.031	ng		98
24) Nitrobenzene	7.39	77	334718	42.009	ng		98
25) Isophorone	7.63	82	601078	39.387	ng		98
26) 2-Nitrophenol	7.70	139	132859	40.959	ng		97
27) 2,4-Dimethylphenol	7.75	122	290845	43.183	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	392172	42.030	ng		99
29) 2,4-Dichlorophenol	7.95	162	266394	41.454	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	275231	39.025	ng		97
31) Naphthalene	8.12	128	916496	39.057	ng		100
32) Benzoic acid	7.86	122	152038m	28.292	ng		
33) 4-Chloroaniline	8.16	127	125754	12.509	ng		96
34) Hexachlorobutadiene	8.22	225	146678	37.970	ng		98
35) Caprolactam	8.55	113	89488m	39.918	ng		
36) 4-Chloro-3-methylphenol	8.65	107	283730	41.176	ng		97
37) 2-Methylnaphthalene	8.80	142	599652	39.507	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	254371	44.224	ng		99
40) Hexachlorocyclopentadiene	8.95	237	48793	15.153	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	171247	42.888 ng		99
43) 2,4,5-Trichlorophenol	9.13	196	180009	40.287 ng		98
45) 1,1'-Biphenyl	9.27	154	693546	41.087 ng		99
46) 2-Chloronaphthalene	9.29	162	540916	40.570 ng		99
47) 2-Nitroaniline	9.39	65	178012	53.988 ng		98
48) Acenaphthylene	9.71	152	805193	38.491 ng		100
49) Dimethylphthalate	9.57	163	665199	41.981 ng		99
50) 2,6-Dinitrotoluene	9.63	165	129725	44.245 ng		96
51) Acenaphthene	9.88	154	463093	36.283 ng		99
52) 3-Nitroaniline	9.80	138	146644	42.722 ng		98
53) 2,4-Dinitrophenol	9.92	184	17961	24.565 ng	#	17
54) Dibenzofuran	10.05	168	709644	39.897 ng		97
55) 4-Nitrophenol	9.97	139	194744	72.226 ng		98
56) 2,4-Dinitrotoluene	10.04	165	156483	40.688 ng		96
57) Fluorene	10.40	166	534233	41.264 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	131776	39.532 ng		95
59) Diethylphthalate	10.27	149	631169	39.996 ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	250093	43.375 ng		99
61) 4-Nitroaniline	10.42	138	153298	45.676 ng		97
62) Azobenzene	10.55	77	559200	37.090 ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	14728	15.211 ng		76
65) n-Nitrosodiphenylamine	10.50	169	484232	42.880 ng		100
66) 4-Bromophenyl-phenylether	10.87	248	150746	43.513 ng		96
67) Hexachlorobenzene	10.95	284	159109	40.816 ng	#	88
68) Atrazine	11.03	200	149205	43.772 ng		99
69) Pentachlorophenol	11.14	266	132277	54.850 ng		96
70) Phenanthrene	11.36	178	719187	39.651 ng		99
71) Anthracene	11.41	178	740301	40.152 ng		100
72) Carbazole	11.57	167	675042	37.468 ng		99
73) Di-n-butylphthalate	11.89	149	896811	40.749 ng		99
74) Fluoranthene	12.55	202	690092	36.415 ng		98
76) Benzidine	12.67	184	534411	Below Cal		98
77) Pyrene	12.78	202	690657	43.965 ng		100
79) Butylbenzylphthalate	13.39	149	338917	45.795 ng		99
80) Benzo(a)anthracene	13.97	228	549330	43.387 ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	207657	43.988 ng		97
82) Chrysene	14.01	228	520575	40.029 ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	463126	48.651 ng		99
84) Di-n-octyl phthalate	14.57	149	739895	46.517 ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	404725	36.635 ng		97
87) Benzo(b)fluoranthene	15.02	252	433334	41.988 ng		100
88) Benzo(k)fluoranthene	15.05	252	418391	42.941 ng		97
89) Benzo(a)pyrene	15.38	252	393719	42.637 ng		98
90) Dibenzo(a,h)anthracene	16.92	278	342474	45.157 ng		96
91) Benzo(g,h,i)perylene	17.34	276	333668	45.411 ng		97

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

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