Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116381.D
Acq On : 19 Aug 2019 10:26
Operator : HP/JU
Sample : PB122335BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122335BS

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:00 PM

Quant Time: Aug 19 16:29:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120751	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	506292	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	270936	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	467305	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	322610	20.00	ng		-0.01
87) Perylene-d12	15.42	264	253144	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	795006	110.22	ng		0.00
7) Phenol-d6	6.46	99	962450	105.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	640384	73.01	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	272341	103.68	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1138533	78.71	ng		-0.01
79) Terphenyl-d14	12.90	244	1222599	79.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	131689	36.139	ng		99
3) Pyridine	3.39	79	291634	28.650	ng		99
4) n-Nitrosodimethylamine	3.33	42	138355	34.442	ng		99
6) Aniline	6.47	93	341014	26.165	ng	#	83
8) 2-Chlorophenol	6.60	128	333941	41.867	ng		99
9) Benzaldehyde	6.37	77	81231	12.936	ng		98
10) Phenol	6.47	94	417834	38.989	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	320255	40.646	ng		97
12) 1,3-Dichlorobenzene	6.75	146	357105	38.740	ng		99
13) 1,4-Dichlorobenzene	6.82	146	366084	39.664	ng		98
14) 1,2-Dichlorobenzene	6.97	146	336128	39.551	ng		99
15) Benzyl Alcohol	6.96	79	269041	38.956	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	419902	39.071	ng		76
17) 2-Methylphenol	7.07	107	276151	40.888	ng		96
18) Hexachloroethane	7.31	117	132142	38.886	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	235278	41.720	ng		99
20) 3+4-Methylphenols	7.23	107	352240	44.072	ng	#	79
22) Acetophenone	7.22	105	467739	42.125	ng	#	93
24) Nitrobenzene	7.39	77	371199	39.194	ng		99
25) Isophorone	7.63	82	676331	40.326	ng		99
26) 2-Nitrophenol	7.71	139	183592	41.124	ng		94
27) 2,4-Dimethylphenol	7.75	122	297803	44.339	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	417611	40.173	ng		99
29) 2,4-Dichlorophenol	7.96	162	290243	40.927	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	309897	38.335	ng		100
31) Naphthalene	8.10	128	978673	41.078	ng		99
32) Benzoic acid	7.91	122	155591	32.857	ng		100
33) 4-Chloroaniline	8.16	127	288701	27.120	ng		98
34) Hexachlorobutadiene	8.22	225	175227	37.632	ng		99
35) Caprolactam	8.53	113	88994m	38.800	ng		
36) 4-Chloro-3-methylphenol	8.66	107	300757	40.766	ng		95
37) 2-Methylnaphthalene	8.80	142	650327	41.446	ng		99
38) 1-Methylnaphthalene	8.89	142	613787	41.349	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	296230	40.898	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	126274	41.881	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	177038	35.510	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	187322	36.348	ng		99
46) 1,1'-Biphenyl	9.26	154	796873	41.660	ng		99
47) 2-Chloronaphthalene	9.29	162	622083	39.075	ng		99
48) 2-Nitroaniline	9.39	65	192477	36.577	ng		100
49) Acenaphthylene	9.70	152	918393	39.542	ng		99
50) Dimethylphthalate	9.56	163	725591	39.332	ng		100
51) 2,6-Dinitrotoluene	9.63	165	159600	39.810	ng	#	89
52) Acenaphthene	9.87	154	571121	40.082	ng		100
53) 3-Nitroaniline	9.80	138	125121	25.258	ng		97
54) 2,4-Dinitrophenol	9.93	184	104563	54.085	ng		94
55) Dibenzofuran	10.05	168	799493	38.583	ng		99
56) 4-Nitrophenol	9.99	139	148106	46.673	ng		95
57) 2,4-Dinitrotoluene	10.04	165	199105	37.302	ng	#	84
58) Fluorene	10.39	166	652029	40.899	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	168529	38.869	ng		99
60) Diethylphthalate	10.26	149	699402	40.608	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	337007	41.739	ng		97
62) 4-Nitroaniline	10.42	138	149999	29.301	ng		98
63) Azobenzene	10.53	77	721948	40.753	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	97225	39.261	ng		89
66) n-Nitrosodiphenylamine	10.49	169	587830	41.793	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	201741	40.328	ng		98
68) Hexachlorobenzene	10.94	284	223367	38.614	ng		100
69) Atrazine	11.02	200	175298	37.884	ng		99
70) Pentachlorophenol	11.14	266	148675	52.939	ng		99
71) Phenanthrene	11.35	178	959126	40.148	ng		100
72) Anthracene	11.40	178	986962	40.822	ng		100
73) Carbazole	11.56	167	877089	39.986	ng		100
74) Di-n-butylphthalate	11.87	149	1105776	43.215	ng		99
75) Fluoranthene	12.54	202	991507	39.644	ng		99
77) Benzidine	12.66	184	211593	19.414	ng		98
78) Pyrene	12.77	202	1008267	41.460	ng		100
80) Butylbenzylphthalate	13.37	149	447259	43.478	ng		95
81) Benzo(a)anthracene	13.96	228	811622	39.361	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	241388	33.696	ng		99
83) Chrysene	13.99	228	803214	40.123	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	623689	46.656	ng		98
85) Di-n-octyl phthalate	14.53	149	971416	45.750	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	669238	39.803	ng		99
88) Benzo(b)fluoranthene	15.00	252	711404	48.603	ng		99
89) Benzo(k)fluoranthene	15.03	252	665876	46.706	ng		98
90) Benzo(a)pyrene	15.36	252	648677	49.576	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	564279	49.822	ng		99
92) Benzo(g,h,i)perylene	17.32	276	559598	50.309	ng		99

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

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