Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115898.D
Acq On : 1 Aug 2019 10:56
Operator : HP/JU
Sample : PB121853BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:48 PM

Quant Time: Aug 01 13:57:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131239	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	545994	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	301242	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	561717	20.00	ng		0.00
76) Chrysene-d12	14.03	240	421613	20.00	ng		0.00
87) Perylene-d12	15.50	264	379118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	916454	116.90	ng		0.02
7) Phenol-d6	6.50	99	1158390	117.12	ng		0.01
23) Nitrobenzene-d5	7.42	82	769126	81.31	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	357814	122.51	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1354188	84.20	ng		0.00
79) Terphenyl-d14	12.97	244	1670583	83.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	155096	39.161	ng		99
3) Pyridine	3.43	79	400420	36.194	ng		99
4) n-Nitrosodimethylamine	3.38	42	180927	41.440	ng		98
6) Aniline	6.52	93	466670	32.945	ng	#	90
8) 2-Chlorophenol	6.65	128	399667	46.103	ng		100
9) Benzaldehyde	6.40	77	231347	33.899	ng		98
10) Phenol	6.51	94	510020	43.787	ng		87
11) bis(2-Chloroethyl)ether	6.59	93	379814	44.353	ng		98
12) 1,3-Dichlorobenzene	6.80	146	421856	42.107	ng		99
13) 1,4-Dichlorobenzene	6.87	146	427729	42.639	ng		98
14) 1,2-Dichlorobenzene	7.03	146	397463	43.030	ng		99
15) Benzyl Alcohol	7.00	79	352783	46.999	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	506962	43.402	ng		96
17) 2-Methylphenol	7.11	107	339936	46.310	ng		99
18) Hexachloroethane	7.37	117	157574	42.665	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	272662	44.486	ng		98
20) 3+4-Methylphenols	7.26	107	399760	46.021	ng	#	84
22) Acetophenone	7.26	105	535799	44.745	ng		98
24) Nitrobenzene	7.43	77	443726	43.446	ng		99
25) Isophorone	7.67	82	802279	44.357	ng		99
26) 2-Nitrophenol	7.75	139	220866	45.876	ng		99
27) 2,4-Dimethylphenol	7.79	122	367466	50.733	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	493272	44.001	ng		99
29) 2,4-Dichlorophenol	8.00	162	355196	46.444	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	372591	42.739	ng		100
31) Naphthalene	8.16	128	1146925	44.639	ng		100
32) Benzoic acid	7.93	122	212610	41.634	ng		99
33) 4-Chloroaniline	8.20	127	298030	25.961	ng		100
34) Hexachlorobutadiene	8.27	225	206466	41.117	ng		99
35) Caprolactam	8.59	113	114920m	46.460	ng		
36) 4-Chloro-3-methylphenol	8.70	107	379674	47.721	ng		98
37) 2-Methylnaphthalene	8.85	142	785248	46.406	ng		99
38) 1-Methylnaphthalene	8.95	142	727556	45.449	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	355519	44.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	234675	66.027 ng	99
43) 2,4,6-Trichlorophenol	9.14	196	241622	43.588 ng	97
44) 2,4,5-Trichlorophenol	9.18	196	259276	45.248 ng	98
46) 1,1'-Biphenyl	9.32	154	949089	44.626 ng	100
47) 2-Chloronaphthalene	9.35	162	754572	42.629 ng	99
48) 2-Nitroaniline	9.44	65	247329	42.273 ng	91
49) Acenaphthylene	9.76	152	1179265	45.666 ng	99
50) Dimethylphthalate	9.62	163	919139	44.812 ng	100
51) 2,6-Dinitrotoluene	9.68	165	207406	46.530 ng	88
52) Acenaphthene	9.93	154	697845	44.048 ng	99
53) 3-Nitroaniline	9.85	138	172424	31.306 ng	92
54) 2,4-Dinitrophenol	9.97	184	157030	70.313 ng	92
55) Dibenzofuran	10.10	168	1057136	45.884 ng	97
56) 4-Nitrophenol	10.03	139	305575	86.608 ng	97
57) 2,4-Dinitrotoluene	10.09	165	274844	46.311 ng	98
58) Fluorene	10.45	166	816626	46.070 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	220383	45.715 ng	99
60) Diethylphthalate	10.32	149	883987	46.162 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	411950	45.888 ng	95
62) 4-Nitroaniline	10.47	138	234226	41.151 ng	96
63) Azobenzene	10.60	77	918793	46.647 ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	132244	44.426 ng	91
66) n-Nitrosodiphenylamine	10.56	169	744613	44.041 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	259884	43.219 ng	94
68) Hexachlorobenzene	11.00	284	288494	41.490 ng	96
69) Atrazine	11.09	200	246351	44.291 ng	100
70) Pentachlorophenol	11.20	266	292863	86.754 ng	98
71) Phenanthrene	11.41	178	1250580	43.550 ng	99
72) Anthracene	11.46	178	1285482	44.232 ng	99
73) Carbazole	11.62	167	1155945	43.842 ng	100
74) Di-n-butylphthalate	11.95	149	1412874	45.936 ng	100
75) Fluoranthene	12.60	202	1363885	45.368 ng	97
77) Benzidine	12.72	184	582792	40.915 ng	97
78) Pyrene	12.83	202	1389615	43.724 ng	100
80) Butylbenzylphthalate	13.44	149	628363	46.740 ng	97
81) Benzo(a)anthracene	14.02	228	1177052	43.679 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	296166	31.634 ng	98
83) Chrysene	14.06	228	1130228	43.201 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	858539	49.143 ng	99
85) Di-n-octyl phthalate	14.61	149	1356699	48.892 ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	931705	42.401 ng	99
88) Benzo(b)fluoranthene	15.07	252	1065605	48.611 ng	98
89) Benzo(k)fluoranthene	15.10	252	968340	45.353 ng	99
90) Benzo(a)pyrene	15.44	252	939071	47.922 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	768233	45.291 ng	99
92) Benzo(g,h,i)perylene	17.43	276	779031	46.765 ng	98

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

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