Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
Data File : BF115863.D
Acq On : 31 Jul 2019 13:59
Operator : HP/JU
Sample : PB121801BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:06:29 PM

Quant Time: Aug 01 05:37:14 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	6.85	152	144439	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	581607	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	308208	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	529783	20.00	ng	0.00
76) Chrysene-d12	14.02	240	400691	20.00	ng	0.00
87) Perylene-d12	15.49	264	379931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	984701	114.13	ng	0.02
7) Phenol-d6	6.49	99	1275617	117.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	829718	82.35	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	348423	116.60	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1401002	85.14	ng	0.00
79) Terphenyl-d14	12.96	244	1494445	78.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	183694	42.143	ng	99
3) Pyridine	3.46	79	478101	39.266	ng	98
4) n-Nitrosodimethylamine	3.41	42	210938	43.899	ng	99
6) Aniline	6.52	93	524392	33.637	ng	99
8) 2-Chlorophenol	6.64	128	432637	45.346	ng	97
9) Benzaldehyde	6.40	77	251974	33.547	ng	97
10) Phenol	6.50	94	562990	43.918	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	411343	43.645	ng	100
12) 1,3-Dichlorobenzene	6.79	146	473010	42.898	ng	97
13) 1,4-Dichlorobenzene	6.87	146	477160	43.220	ng	99
14) 1,2-Dichlorobenzene	7.02	146	439714	43.254	ng	99
15) Benzyl Alcohol	6.99	79	369866	44.771	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	544339	42.343	ng	98
17) 2-Methylphenol	7.10	107	364508	45.119	ng	99
18) Hexachloroethane	7.36	117	172746	42.498	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	293983	43.581	ng	98
20) 3+4-Methylphenols	7.26	107	433870	45.383	ng	92
22) Acetophenone	7.26	105	581618	45.598	ng	99
24) Nitrobenzene	7.43	77	481260	44.235	ng	97
25) Isophorone	7.67	82	853972	44.324	ng	100
26) 2-Nitrophenol	7.75	139	236556	46.127	ng	97
27) 2,4-Dimethylphenol	7.79	122	381129	49.397	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	512991	42.958	ng	99
29) 2,4-Dichlorophenol	7.99	162	368532	45.237	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	406137	43.735	ng	99
31) Naphthalene	8.16	128	1239473	45.287	ng	100
32) Benzoic acid	7.93	122	254814	46.843	ng	98
33) 4-Chloroaniline	8.20	127	285378	23.337	ng	99
34) Hexachlorobutadiene	8.27	225	225635	42.183	ng	100
35) Caprolactam	8.58	113	129075m	48.988	ng	
36) 4-Chloro-3-methylphenol	8.69	107	385119	45.441	ng	97
37) 2-Methylnaphthalene	8.85	142	827095	45.886	ng	100
38) 1-Methylnaphthalene	8.95	142	773775	45.376	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	364157	44.196	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	319318	85.857	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	240844	42.466	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	262343	44.749	ng		99
46) 1,1'-Biphenyl	9.32	154	979371	45.009	ng		99
47) 2-Chloronaphthalene	9.34	162	777299	42.920	ng		98
48) 2-Nitroaniline	9.43	65	246575	41.191	ng		90
49) Acenaphthylene	9.76	152	1196033	45.268	ng		100
50) Dimethylphthalate	9.62	163	878430	41.859	ng		100
51) 2,6-Dinitrotoluene	9.68	165	199564	43.759	ng		100
52) Acenaphthene	9.93	154	710891	43.858	ng		99
53) 3-Nitroaniline	9.85	138	151418	26.871	ng		91
54) 2,4-Dinitrophenol	9.96	184	186712	80.447	ng	#	88
55) Dibenzofuran	10.10	168	1058531	44.906	ng		99
56) 4-Nitrophenol	10.02	139	347941	96.387	ng		98
57) 2,4-Dinitrotoluene	10.09	165	269977	44.463	ng		97
58) Fluorene	10.45	166	798347	44.021	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	218715	44.344	ng		99
60) Diethylphthalate	10.32	149	818334	41.767	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	398053	43.338	ng		99
62) 4-Nitroaniline	10.47	138	226966	38.974	ng		96
63) Azobenzene	10.59	77	876709	43.504	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	132245	47.104	ng		97
66) n-Nitrosodiphenylamine	10.55	169	716510	44.934	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	241756	42.628	ng		99
68) Hexachlorobenzene	11.00	284	277433	42.305	ng		97
69) Atrazine	11.08	200	221870	42.294	ng		99
70) Pentachlorophenol	11.19	266	288644	90.658	ng		99
71) Phenanthrene	11.41	178	1189403	43.916	ng		100
72) Anthracene	11.46	178	1233593	45.005	ng		99
73) Carbazole	11.61	167	1119129	45.004	ng		99
74) Di-n-butylphthalate	11.94	149	1226675	42.286	ng		100
75) Fluoranthene	12.60	202	1249372	44.064	ng		100
77) Benzidine	12.71	184	660155	48.767	ng		99
78) Pyrene	12.83	202	1290954	42.740	ng		100
80) Butylbenzylphthalate	13.44	149	528459	41.361	ng		98
81) Benzo(a)anthracene	14.01	228	1087465	42.461	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	274159	30.813	ng	#	98
83) Chrysene	14.05	228	1082480	43.536	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	695450	41.886	ng		100
85) Di-n-octyl phthalate	14.60	149	1138064	43.154	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	922360	44.168	ng		100
88) Benzo(b)fluoranthene	15.06	252	952301	43.349	ng		97
89) Benzo(k)fluoranthene	15.09	252	969443	45.307	ng		99
90) Benzo(a)pyrene	15.43	252	912185	46.451	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	765073	45.008	ng		99
92) Benzo(g,h,i)perylene	17.41	276	753517	45.136	ng		98

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

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