Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115936.D
Acq On : 2 Aug 2019 10:27
Operator : HP/JU
Sample : PB121887BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Manual Integrations APPROVED
mohammad
8/8/2019 4:44:03 PM

Quant Time: Aug 02 17:01:33 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	147559	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	619220	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	322279	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	627115	20.00	ng		0.00
76) Chrysene-d12	14.03	240	439806	20.00	ng		0.00
87) Perylene-d12	15.50	264	288583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	782511	88.78	ng		0.02
7) Phenol-d6	6.49	99	985876	88.65	ng		0.00
23) Nitrobenzene-d5	7.42	82	916123	85.40	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	285884	91.50	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1596135	92.77	ng		0.00
79) Terphenyl-d14	12.97	244	1810602	86.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	167102	37.526	ng		99
3) Pyridine	3.46	79	390197	31.369	ng		100
4) n-Nitrosodimethylamine	3.41	42	198129	40.361	ng		99
6) Aniline	6.52	93	412857	25.923	ng		97
8) 2-Chlorophenol	6.65	128	442167	45.364	ng		98
9) Benzaldehyde	6.40	77	51760	6.745	ng		99
10) Phenol	6.50	94	561242	42.856	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	419812	43.602	ng		98
12) 1,3-Dichlorobenzene	6.79	146	438414	38.920	ng		98
13) 1,4-Dichlorobenzene	6.87	146	451427	40.024	ng		100
14) 1,2-Dichlorobenzene	7.03	146	419044	40.349	ng		99
15) Benzyl Alcohol	7.00	79	380256	45.056	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	560420	42.672	ng		95
17) 2-Methylphenol	7.11	107	375468	45.493	ng		97
18) Hexachloroethane	7.36	117	168545	40.588	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	303280	44.009	ng		99
20) 3+4-Methylphenols	7.26	107	442929	45.351	ng	#	87
22) Acetophenone	7.26	105	598491	44.070	ng		97
24) Nitrobenzene	7.43	77	487598	42.096	ng		99
25) Isophorone	7.67	82	901119	43.930	ng		100
26) 2-Nitrophenol	7.75	139	243326	44.565	ng		99
27) 2,4-Dimethylphenol	7.79	122	402283	48.972	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	540737	42.531	ng		99
29) 2,4-Dichlorophenol	8.00	162	389354	44.890	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	404650	40.928	ng		98
31) Naphthalene	8.16	128	1257462	43.154	ng		100
32) Benzoic acid	7.95	122	272927	47.125	ng		97
33) 4-Chloroaniline	8.20	127	330421	25.379	ng		100
34) Hexachlorobutadiene	8.27	225	228246	40.079	ng		98
35) Caprolactam	8.59	113	125756m	44.829	ng		
36) 4-Chloro-3-methylphenol	8.70	107	415588	46.058	ng		97
37) 2-Methylnaphthalene	8.85	142	860042	44.816	ng		100
38) 1-Methylnaphthalene	8.95	142	805065	44.344	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	394039	45.734	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	192454	51.996	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	266429	44.926	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	279765	45.637	ng		99
46) 1,1'-Biphenyl	9.32	154	1044131	45.890	ng		100
47) 2-Chloronaphthalene	9.35	162	824002	43.513	ng		98
48) 2-Nitroaniline	9.44	65	271891	43.437	ng		90
49) Acenaphthylene	9.76	152	1254609	45.412	ng		100
50) Dimethylphthalate	9.62	163	1002246	45.674	ng		100
51) 2,6-Dinitrotoluene	9.69	165	223971	46.967	ng		95
52) Acenaphthene	9.93	154	755623	44.582	ng		99
53) 3-Nitroaniline	9.85	138	193148	32.779	ng		92
54) 2,4-Dinitrophenol	9.97	184	206193	84.523	ng		93
55) Dibenzofuran	10.10	168	1129194	45.812	ng		97
56) 4-Nitrophenol	10.03	139	332424	88.068	ng		99
57) 2,4-Dinitrotoluene	10.09	165	293511	46.228	ng		95
58) Fluorene	10.45	166	866204	45.677	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	235916	45.743	ng		100
60) Diethylphthalate	10.32	149	957727	46.748	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	436095	45.407	ng		97
62) 4-Nitroaniline	10.47	138	243972	40.065	ng		98
63) Azobenzene	10.60	77	966056	45.845	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	147406	44.355	ng		90
66) n-Nitrosodiphenylamine	10.56	169	791101	41.911	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	276499	41.187	ng		94
68) Hexachlorobenzene	11.00	284	308836	39.784	ng		94
69) Atrazine	11.09	200	230605	37.136	ng		98
70) Pentachlorophenol	11.20	266	317984	84.372	ng		98
71) Phenanthrene	11.41	178	1310315	40.871	ng		100
72) Anthracene	11.46	178	1322419	40.758	ng		99
73) Carbazole	11.62	167	1209352	41.084	ng		100
74) Di-n-butylphthalate	11.94	149	1477593	43.030	ng		99
75) Fluoranthene	12.60	202	1369457	40.802	ng		97
77) Benzidine	12.72	184	236796	15.937	ng		97
78) Pyrene	12.83	202	1400286	42.237	ng		100
80) Butylbenzylphthalate	13.44	149	633265	45.156	ng		99
81) Benzo(a)anthracene	14.02	228	1170093	41.624	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	358990	36.758	ng	#	99
83) Chrysene	14.06	228	1154935	42.319	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	866504	47.547	ng		99
85) Di-n-octyl phthalate	14.62	149	1392081	48.092	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	954753	41.653	ng		99
88) Benzo(b)fluoranthene	15.07	252	1045357	62.648	ng		97
89) Benzo(k)fluoranthene	15.10	252	1016999	62.575	ng		99
90) Benzo(a)pyrene	15.44	252	960377	64.385	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	808292	62.602	ng		99
92) Benzo(g,h,i)perylene	17.43	276	783833	61.815	ng		99

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

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