Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115104.D
Acq On : 22 Jun 2019 3:09
Operator : HP/JU
Sample : PB120595BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120595BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:38 PM

Quant Time: Jun 22 05:33:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	271958	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1064416	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	531505	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1045967	20.00	ng		0.00
76) Chrysene-d12	13.74	240	737600	20.00	ng		0.00
87) Perylene-d12	15.11	264	831742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1970368	111.80	ng		0.02
7) Phenol-d6	6.26	99	2428864	113.55	ng		0.00
23) Nitrobenzene-d5	7.18	82	1502426	86.83	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	696523	124.27	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2806577	89.69	ng		0.00
79) Terphenyl-d14	12.71	244	2980697	85.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	303676	36.511	ng		100
3) Pyridine	2.94	79	854097	36.434	ng		98
4) n-Nitrosodimethylamine	2.89	42	362790	39.476	ng		99
6) Aniline	6.28	93	761172	25.892	ng	#	78
8) 2-Chlorophenol	6.40	128	811097	40.930	ng		99
9) Benzaldehyde	6.15	77	169057	12.114	ng		97
10) Phenol	6.27	94	934489	37.296	ng		96
11) bis(2-Chloroethyl)ether	6.36	93	747967	40.497	ng		100
12) 1,3-Dichlorobenzene	6.55	146	871398	39.622	ng		99
13) 1,4-Dichlorobenzene	6.63	146	883948	40.082	ng		98
14) 1,2-Dichlorobenzene	6.78	146	820605	40.180	ng		98
15) Benzyl Alcohol	6.77	79	599572	38.494	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1080239	40.325	ng		100
17) 2-Methylphenol	6.88	107	684346	41.838	ng		99
18) Hexachloroethane	7.13	117	321097	40.386	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	539637	39.406	ng		98
20) 3+4-Methylphenols	7.03	107	780151	41.306	ng		95
22) Acetophenone	7.03	105	1074073	44.077	ng	#	98
24) Nitrobenzene	7.20	77	823878	43.219	ng		99
25) Isophorone	7.44	82	1557327	43.935	ng		99
26) 2-Nitrophenol	7.51	139	442319	46.985	ng		98
27) 2,4-Dimethylphenol	7.56	122	767597	49.800	ng		100
28) bis(2-Chloroethoxy)methane	7.66	93	959380	42.822	ng		99
29) 2,4-Dichlorophenol	7.75	162	717730	45.122	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	773819	44.042	ng		99
31) Naphthalene	7.92	128	2298012	43.982	ng		99
32) Benzoic acid	7.70	122	587784	53.424	ng		100
33) 4-Chloroaniline	7.97	127	496280	20.783	ng		100
34) Hexachlorobutadiene	8.05	225	413800	42.977	ng		99
35) Caprolactam	8.34	113	228874m	42.797	ng		
36) 4-Chloro-3-methylphenol	8.46	107	714776	44.371	ng		95
37) 2-Methylnaphthalene	8.61	142	1600962	45.444	ng		99
38) 1-Methylnaphthalene	8.71	142	1516544	45.073	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	638320	42.500	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	757632	85.070 ng	100
43) 2,4,6-Trichlorophenol	8.89	196	513272	44.265 ng	99
44) 2,4,5-Trichlorophenol	8.93	196	526380	44.081 ng	98
46) 1,1'-Biphenyl	9.08	154	1810501	42.572 ng	98
47) 2-Chloronaphthalene	9.10	162	1480289	42.911 ng	97
48) 2-Nitroaniline	9.19	65	433296	43.083 ng	95
49) Acenaphthylene	9.51	152	2315951	43.090 ng	99
50) Dimethylphthalate	9.38	163	1701233	43.505 ng	99
51) 2,6-Dinitrotoluene	9.44	165	406013	44.973 ng	98
52) Acenaphthene	9.68	154	1410608	41.942 ng	99
53) 3-Nitroaniline	9.60	138	305316	27.713 ng	98
54) 2,4-Dinitrophenol	9.71	184	424793	90.392 ng	98
55) Dibenzofuran	9.85	168	2018611	41.818 ng	99
56) 4-Nitrophenol	9.77	139	773027	87.522 ng	98
57) 2,4-Dinitrotoluene	9.84	165	543593	46.633 ng	91
58) Fluorene	10.20	166	1388849	42.908 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	457984	45.739 ng	99
60) Diethylphthalate	10.08	149	1710020	43.504 ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	660032	42.898 ng	97
62) 4-Nitroaniline	10.21	138	468666	42.405 ng	97
63) Azobenzene	10.35	77	1597798	43.519 ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	256001	46.205 ng	93
66) n-Nitrosodiphenylamine	10.31	169	1434509	44.021 ng	99
67) 4-Bromophenyl-phenylether	10.68	248	485722	42.831 ng	94
68) Hexachlorobenzene	10.74	284	529018	42.977 ng	94
69) Atrazine	10.84	200	451816	43.102 ng	99
70) Pentachlorophenol	10.93	266	630616	80.416 ng	97
71) Phenanthrene	11.15	178	2297325	40.793 ng	100
72) Anthracene	11.20	178	2385928	41.971 ng	98
73) Carbazole	11.35	167	2147325	42.301 ng	98
74) Di-n-butylphthalate	11.70	149	2496542	42.560 ng	98
75) Fluoranthene	12.32	202	2389691	42.529 ng	99
77) Benzidine	12.45	184	868197	26.508 ng	100
78) Pyrene	12.55	202	2466216	43.507 ng	98
80) Butylbenzylphthalate	13.19	149	1157406	46.267 ng	93
81) Benzo(a)anthracene	13.73	228	2241772	42.357 ng	98
82) 3,3'-Dichlorobenzidine	13.70	252	612343	32.039 ng	98
83) Chrysene	13.77	228	2051236	42.310 ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	1498697	45.722 ng	100
85) Di-n-octyl phthalate	14.37	149	2580879	46.863 ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2562453	44.668 ng	99
88) Benzo(b)fluoranthene	14.74	252	2393883	46.126 ng	99
89) Benzo(k)fluoranthene	14.77	252	2108668	45.307 ng	99
90) Benzo(a)pyrene	15.06	252	2239190	47.870 ng	98
91) Dibenzo(a,h)anthracene	16.41	278	2118392	48.510 ng	99
92) Benzo(g,h,i)perylene	16.78	276	2156475	48.791 ng	98

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

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