Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115093.D
Acq On : 21 Jun 2019 22:18
Operator : HP/JU
Sample : PB120753BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:20 PM

Quant Time: Jun 22 05:18:04 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	229504	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	900715	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	453891	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	897262	20.00	ng		0.00
76) Chrysene-d12	13.74	240	657381	20.00	ng		0.00
87) Perylene-d12	15.11	264	729124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1621422	109.02	ng		0.02
7) Phenol-d6	6.26	99	1979240	109.65	ng		0.00
23) Nitrobenzene-d5	7.18	82	1221623	83.43	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	583597	121.93	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2374654	88.87	ng		0.00
79) Terphenyl-d14	12.71	244	2553596	82.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	279912	39.880	ng		99
3) Pyridine	2.94	79	760600	38.447	ng		99
4) n-Nitrosodimethylamine	2.88	42	311458	40.160	ng		97
6) Aniline	6.27	93	666020	26.846	ng	#	27
8) 2-Chlorophenol	6.40	128	708340	42.357	ng		98
9) Benzaldehyde	6.15	77	109126	9.266	ng		97
10) Phenol	6.27	94	826459	39.086	ng		94
11) bis(2-Chloroethyl)ether	6.36	93	643345	41.276	ng		98
12) 1,3-Dichlorobenzene	6.55	146	755717	40.719	ng		99
13) 1,4-Dichlorobenzene	6.63	146	757649	40.710	ng		99
14) 1,2-Dichlorobenzene	6.78	146	713446	41.395	ng		99
15) Benzyl Alcohol	6.76	79	548018	41.692	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	930451	41.159	ng		100
17) 2-Methylphenol	6.88	107	582121	42.172	ng		99
18) Hexachloroethane	7.13	117	276421	41.198	ng		100
19) n-Nitroso-di-n-propylamine	7.04	70	460731	39.867	ng		99
20) 3+4-Methylphenols	7.03	107	677119	42.483	ng		95
22) Acetophenone	7.02	105	928017	45.005	ng	#	99
24) Nitrobenzene	7.20	77	704941	43.701	ng		99
25) Isophorone	7.44	82	1321044	44.042	ng		100
26) 2-Nitrophenol	7.51	139	372672	46.782	ng		97
27) 2,4-Dimethylphenol	7.56	122	659755	50.583	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	835161	44.053	ng		99
29) 2,4-Dichlorophenol	7.75	162	611169	45.406	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	658522	44.292	ng		99
31) Naphthalene	7.92	128	2007030	45.394	ng		100
32) Benzoic acid	7.70	122	471245	50.616	ng		99
33) 4-Chloroaniline	7.97	127	477203	23.616	ng		99
34) Hexachlorobutadiene	8.05	225	352840	43.306	ng		99
35) Caprolactam	8.34	113	198371m	43.835	ng		
36) 4-Chloro-3-methylphenol	8.45	107	617536	45.302	ng		100
37) 2-Methylnaphthalene	8.61	142	1388043	46.561	ng		99
38) 1-Methylnaphthalene	8.71	142	1316205	46.228	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	559130	43.593	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	688560	90.535	ng		100
43) 2,4,6-Trichlorophenol	8.89	196	444789	44.918	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	460108	45.120	ng		99
46) 1,1'-Biphenyl	9.08	154	1580693	43.524	ng		98
47) 2-Chloronaphthalene	9.10	162	1280726	43.474	ng		98
48) 2-Nitroaniline	9.19	65	375865	43.763	ng		95
49) Acenaphthylene	9.51	152	2028494	44.195	ng		99
50) Dimethylphthalate	9.38	163	1473398	44.122	ng		100
51) 2,6-Dinitrotoluene	9.44	165	349468	45.329	ng		93
52) Acenaphthene	9.68	154	1390158	48.402	ng		99
53) 3-Nitroaniline	9.60	138	263913	28.051	ng		96
54) 2,4-Dinitrophenol	9.70	184	364806	90.860	ng		91
55) Dibenzofuran	9.85	168	1768123	42.892	ng		100
56) 4-Nitrophenol	9.77	139	651402	86.363	ng		96
57) 2,4-Dinitrotoluene	9.84	165	467377	46.951	ng		97
58) Fluorene	10.20	166	1237623	45.110	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	402920	47.121	ng		99
60) Diethylphthalate	10.08	149	1485850	44.264	ng		100
61) 4-Chlorophenyl-phenylether	10.19	204	600981	46.270	ng		96
62) 4-Nitroaniline	10.21	138	394468	41.794	ng		98
63) Azobenzene	10.35	77	1407324	44.886	ng		97
65) 4,6-Dinitro-2-methylphenol	10.24	198	217098	45.734	ng		99
66) n-Nitrosodiphenylamine	10.31	169	1256456	44.947	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	423226	43.505	ng		95
68) Hexachlorobenzene	10.74	284	462988	43.846	ng		94
69) Atrazine	10.84	200	393406	43.749	ng		98
70) Pentachlorophenol	10.93	266	553099	82.220	ng		97
71) Phenanthrene	11.14	178	2031096	42.043	ng		100
72) Anthracene	11.20	178	2098765	43.038	ng		99
73) Carbazole	11.35	167	1900513	43.644	ng		99
74) Di-n-butylphthalate	11.70	149	2247576	44.666	ng		98
75) Fluoranthene	12.32	202	2108288	43.740	ng		99
77) Benzidine	12.45	184	974850	33.396	ng		99
78) Pyrene	12.55	202	2162952	42.814	ng		98
80) Butylbenzylphthalate	13.19	149	1014852	45.519	ng		95
81) Benzo(a)anthracene	13.73	228	1969407	41.752	ng		99
82) 3,3'-Dichlorobenzidine	13.70	252	547691	32.154	ng		99
83) Chrysene	13.77	228	1826884	42.281	ng		99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1349541	46.196	ng	#	99
85) Di-n-octyl phthalate	14.37	149	2307975	47.021	ng		100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2271107	44.420	ng		99
88) Benzo(b)fluoranthene	14.74	252	2083461	45.795	ng		99
89) Benzo(k)fluoranthene	14.77	252	1872157	45.887	ng		98
90) Benzo(a)pyrene	15.06	252	1960480	47.810	ng		98
91) Dibenzo(a,h)anthracene	16.41	278	1880791	49.131	ng		98
92) Benzo(g,h,i)perylene	16.78	276	1894033	48.885	ng		98

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

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