Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115037.D
Acq On : 14 Jun 2019 14:03
Operator : HP/JU
Sample : PB120599BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120599BS

Quant Time: Jun 17 03:45:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	256034	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	996751	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	476357	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	933094	20.00	ng		0.00
76) Chrysene-d12	13.77	240	667538	20.00	ng		0.00
87) Perylene-d12	15.15	264	660249	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1117217	72.86	ng		0.00
7) Phenol-d6	6.29	99	1353614	73.18	ng		0.00
23) Nitrobenzene-d5	7.21	82	1154651	69.73	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	380227	74.54	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2208327	78.57	ng		0.00
79) Terphenyl-d14	12.73	244	2383976	67.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	282807	39.403	ng		99
3) Pyridine	3.04	79	712735	35.272	ng		98
4) n-Nitrosodimethylamine	2.99	42	266124	37.095	ng		96
6) Aniline	6.31	93	572559	23.115	ng	#	78
8) 2-Chlorophenol	6.43	128	691113	39.750	ng		98
10) Phenol	6.30	94	787222	38.041	ng		91
11) bis(2-Chloroethyl)ether	6.39	93	609104	37.922	ng		99
12) 1,3-Dichlorobenzene	6.59	146	766537	37.745	ng		99
13) 1,4-Dichlorobenzene	6.66	146	776501	38.032	ng		99
14) 1,2-Dichlorobenzene	6.82	146	719270	37.420	ng		99
15) Benzyl Alcohol	6.80	79	424420	30.626	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	787850	36.649	ng		96
17) 2-Methylphenol	6.92	107	585521	40.375	ng		98
18) Hexachloroethane	7.16	117	274959	37.292	ng		96
19) n-Nitroso-di-n-propylamine	7.07	70	423792	37.711	ng		97
20) 3+4-Methylphenols	7.07	107	680175	39.408	ng		95
22) Acetophenone	7.06	105	925039	40.998	ng		96
24) Nitrobenzene	7.23	77	679522	40.331	ng		93
25) Isophorone	7.47	82	1228772	39.619	ng		100
26) 2-Nitrophenol	7.55	139	389436	41.469	ng		97
27) 2,4-Dimethylphenol	7.60	122	610392	45.056	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	774718	38.933	ng		99
29) 2,4-Dichlorophenol	7.80	162	593808	41.491	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	655294	39.626	ng		98
31) Naphthalene	7.95	128	1994574	42.293	ng		99
32) Benzoic acid	7.74	122	382280	38.999	ng		98
33) 4-Chloroaniline	8.00	127	502348	23.076	ng		99
34) Hexachlorobutadiene	8.07	225	352331	38.331	ng		100
35) Caprolactam	8.37	113	183734m	38.545	ng		
36) 4-Chloro-3-methylphenol	8.50	107	607118	42.095	ng		100
37) 2-Methylnaphthalene	8.64	142	1336006	42.474	ng		99
38) 1-Methylnaphthalene	8.74	142	1252101	42.117	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	569304	40.453	ng		99
41) Hexachlorocyclopentadiene	8.80	237	582893	84.054	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.92	196	403478	38.385	ng		100
44) 2,4,5-Trichlorophenol	8.97	196	445526	41.940	ng		96
46) 1,1'-Biphenyl	9.10	154	1577998	41.338	ng		99
47) 2-Chloronaphthalene	9.13	162	1237232	40.081	ng		99
48) 2-Nitroaniline	9.22	65	352561	38.642	ng		97
49) Acenaphthylene	9.54	152	1938498	40.844	ng		99
50) Dimethylphthalate	9.41	163	1419930	39.636	ng		99
51) 2,6-Dinitrotoluene	9.47	165	333524	41.043	ng		95
52) Acenaphthene	9.71	154	1118501	41.192	ng		98
53) 3-Nitroaniline	9.63	138	250928	25.203	ng		95
54) 2,4-Dinitrophenol	9.75	184	340889	86.485	ng		97
55) Dibenzofuran	9.89	168	1668799	40.778	ng		97
56) 4-Nitrophenol	9.81	139	534062	77.785	ng		97
57) 2,4-Dinitrotoluene	9.87	165	436335	42.186	ng		95
58) Fluorene	10.22	166	1214258	44.327	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	360692	42.035	ng		99
60) Diethylphthalate	10.11	149	1367800	39.931	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	574396	41.976	ng		98
62) 4-Nitroaniline	10.25	138	359081	35.870	ng		100
63) Azobenzene	10.37	77	1215058	40.547	ng		99
65) 4,6-Dinitro-2-methylphenol	10.28	198	205799	39.351	ng		84
66) n-Nitrosodiphenylamine	10.34	169	1140996	40.908	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	388296	38.757	ng		97
68) Hexachlorobenzene	10.77	284	428624	38.860	ng	#	91
69) Atrazine	10.87	200	334140	37.156	ng		99
70) Pentachlorophenol	10.97	266	482649	80.575	ng		99
71) Phenanthrene	11.17	178	1905312	39.548	ng		99
72) Anthracene	11.23	178	1964035	40.410	ng		100
73) Carbazole	11.38	167	1807944	42.618	ng		99
74) Di-n-butylphthalate	11.72	149	2050697	38.345	ng		100
75) Fluoranthene	12.36	202	1998316	40.564	ng		99
77) Benzidine	12.48	184	644536	23.871	ng		96
78) Pyrene	12.58	202	2017252	33.172	ng		100
80) Butylbenzylphthalate	13.21	149	934805	32.911	ng		97
81) Benzo(a)anthracene	13.76	228	1710792	34.248	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	562706	29.382	ng		99
83) Chrysene	13.80	228	1776043	35.754	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1100991	32.797	ng		99
85) Di-n-octyl phthalate	14.38	149	2045975	35.392	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1583050	36.280	ng		99
88) Benzo(b)fluoranthene	14.77	252	1840864	41.942	ng		99
89) Benzo(k)fluoranthene	14.80	252	1549804	40.229	ng		98
90) Benzo(a)pyrene	15.10	252	1620927	42.799	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1315202	40.324	ng		98
92) Benzo(g,h,i)perylene	16.84	276	1313899	39.500	ng		99

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

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