Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF115016.D
Acq On : 13 Jun 2019 21:50
Operator : HP/JU
Sample : K3345-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5_061219MSD

Quant Time: Jun 14 03:50:12 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	264367	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1021655	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	486921	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	882921	20.00	ng		0.00
76) Chrysene-d12	13.77	240	463698	20.00	ng		0.00
87) Perylene-d12	15.14	264	535542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1047330	66.15	ng		0.00
7) Phenol-d6	6.29	99	885800	46.38	ng		0.00
23) Nitrobenzene-d5	7.22	82	1482783	87.36	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	608230	116.65	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2693806	93.76	ng		0.00
79) Terphenyl-d14	12.73	244	2460077	99.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	141464	19.089	ng		98
3) Pyridine	3.01	79	339273	16.261	ng		100
4) n-Nitrosodimethylamine	2.93	42	150504	20.317	ng		100
6) Aniline	6.31	93	391767	15.317	ng	#	81
8) 2-Chlorophenol	6.43	128	664773	37.030	ng		97
9) Benzaldehyde	6.19	77	196733	13.194	ng		99
10) Phenol	6.30	94	351275	16.440	ng		91
11) bis(2-Chloroethyl)ether	6.39	93	702257	42.343	ng		99
12) 1,3-Dichlorobenzene	6.59	146	794783	37.903	ng		99
13) 1,4-Dichlorobenzene	6.66	146	811606	38.499	ng		99
14) 1,2-Dichlorobenzene	6.82	146	754029	37.992	ng		98
15) Benzyl Alcohol	6.79	79	429108	29.988	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	922626	41.565	ng		99
17) 2-Methylphenol	6.92	107	478945	31.985	ng		99
18) Hexachloroethane	7.16	117	286853	37.679	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	504022	43.436	ng		99
20) 3+4-Methylphenols	7.07	107	503797	28.269	ng		93
22) Acetophenone	7.06	105	1074612	46.466	ng		97
24) Nitrobenzene	7.23	77	776023	44.936	ng		97
25) Isophorone	7.47	82	1437861	45.230	ng		100
26) 2-Nitrophenol	7.55	139	414948	43.108	ng		97
27) 2,4-Dimethylphenol	7.60	122	618191	44.519	ng		100
28) bis(2-Chloroethoxy)methane	7.69	93	907888	44.514	ng		99
29) 2,4-Dichlorophenol	7.79	162	625837	42.663	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	727290	42.908	ng		100
31) Naphthalene	7.95	128	2414160	49.942	ng		99
32) Benzoic acid	7.68	122	97750	9.729	ng		96
33) 4-Chloroaniline	8.00	127	303724	13.612	ng		98
34) Hexachlorobutadiene	8.07	225	392425	41.652	ng		100
35) Caprolactam	8.37	113	34038	6.967	ng		98
36) 4-Chloro-3-methylphenol	8.49	107	608388	41.154	ng		97
37) 2-Methylnaphthalene	8.65	142	1533309	47.558	ng		98
38) 1-Methylnaphthalene	8.74	142	1459991	47.913	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	656111	45.609	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	448603	63.285 ng		99
43) 2,4,6-Trichlorophenol	8.92	196	453443	42.202 ng		99
44) 2,4,5-Trichlorophenol	8.97	196	477277	43.955 ng		99
46) 1,1'-Biphenyl	9.10	154	1765643	45.251 ng		99
47) 2-Chloronaphthalene	9.13	162	1401573	44.420 ng		100
48) 2-Nitroaniline	9.22	65	407552	43.700 ng		97
49) Acenaphthylene	9.54	152	2144500	44.205 ng		99
50) Dimethylphthalate	9.41	163	1673529	45.702 ng		100
51) 2,6-Dinitrotoluene	9.47	165	392087	47.203 ng		92
52) Acenaphthene	9.71	154	1259639	45.383 ng		99
53) 3-Nitroaniline	9.63	138	192032	18.869 ng		95
54) 2,4-Dinitrophenol	9.74	184	187675	46.581 ng		95
55) Dibenzofuran	9.89	168	1869461	44.691 ng		98
56) 4-Nitrophenol	9.80	139	230789	32.885 ng		99
57) 2,4-Dinitrotoluene	9.87	165	499482	47.244 ng		96
58) Fluorene	10.22	166	1323572	47.896 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	368006	41.957 ng		99
60) Diethylphthalate	10.11	149	1612645	46.058 ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	647314	47.215 ng		98
62) 4-Nitroaniline	10.25	138	373764	36.527 ng		96
63) Azobenzene	10.38	77	1406044	45.902 ng		96
65) 4,6-Dinitro-2-methylphenol	10.27	198	140983	28.489 ng		96
66) n-Nitrosodiphenylamine	10.34	169	1296424	49.122 ng		99
67) 4-Bromophenyl-phenylether	10.70	248	444030	46.839 ng		96
68) Hexachlorobenzene	10.77	284	473022	45.322 ng	#	91
69) Atrazine	10.87	200	422491	49.651 ng		98
70) Pentachlorophenol	10.96	266	405767	71.589 ng		99
71) Phenanthrene	11.17	178	2009699	44.085 ng		100
72) Anthracene	11.23	178	2076830	45.159 ng		100
73) Carbazole	11.38	167	1825734	45.483 ng		99
74) Di-n-butylphthalate	11.72	149	2295450	45.360 ng		100
75) Fluoranthene	12.36	202	1927184	41.343 ng		100
77) Benzidine	12.47	184	598371	31.904 ng		97
78) Pyrene	12.58	202	1888205	44.700 ng		100
80) Butylbenzylphthalate	13.21	149	895156	45.370 ng		98
81) Benzo(a)anthracene	13.76	228	1542016	44.439 ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	441549	33.191 ng	#	97
83) Chrysene	13.80	228	1559518	45.196 ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1131095	48.505 ng		99
85) Di-n-octyl phthalate	14.38	149	1872985	46.642 ng		99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1408062	46.455 ng		99
88) Benzo(b)fluoranthene	14.77	252	1562619	43.893 ng		99
89) Benzo(k)fluoranthene	14.80	252	1442301	46.156 ng		100
90) Benzo(a)pyrene	15.09	252	1436852	46.773 ng		99
91) Dibenzo(a,h)anthracene	16.46	278	1190560	45.002 ng		99
92) Benzo(g,h,i)perylene	16.84	276	1145843	42.469 ng		99

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

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