Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112206.D
Acq On : 24 Jan 2019 13:56
Operator : JU/SJ
Sample : PB116593BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116593BS

Manual Integrations APPROVED
Sohil
1/25/2019 10:04:58 AM

Quant Time: Jan 24 14:34:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	244734	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1002114	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	526141	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1044949	20.00	ng		0.00
76) Chrysene-d12	14.03	240	798807	20.00	ng		0.00
87) Perylene-d12	15.49	264	549970	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1766914	131.04	ng		0.01
7) Phenol-d6	6.51	99	2237816	132.65	ng		0.00
23) Nitrobenzene-d5	7.42	82	1331187	91.78	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	799104	140.79	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2668413	74.36	ng		0.00
79) Terphenyl-d14	12.97	244	3043903	81.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	195410	30.900	ng		96
3) Pyridine	3.48	79	485216	30.635	ng		97
4) n-Nitrosodimethylamine	3.42	42	255854	39.785	ng		97
6) Aniline	6.52	93	573372	27.944	ng	#	25
8) 2-Chlorophenol	6.65	128	656582	41.927	ng		99
9) Benzaldehyde	6.40	77	91153	7.033	ng		99
10) Phenol	6.52	94	742009	40.245	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	571117	38.958	ng		96
12) 1,3-Dichlorobenzene	6.80	146	671087	37.551	ng		99
13) 1,4-Dichlorobenzene	6.87	146	691242	37.813	ng		98
14) 1,2-Dichlorobenzene	7.03	146	655031	38.900	ng		98
15) Benzyl Alcohol	7.00	79	543983	43.280	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	717297	33.930	ng		72
17) 2-Methylphenol	7.12	107	517146	43.973	ng	#	90
18) Hexachloroethane	7.36	117	247269	40.527	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	434286	42.257	ng		97
20) 3+4-Methylphenols	7.27	107	660921	46.350	ng	#	82
22) Acetophenone	7.26	105	875576	37.714	ng		97
24) Nitrobenzene	7.43	77	658858	42.860	ng		99
25) Isophorone	7.67	82	1180568	42.139	ng		99
26) 2-Nitrophenol	7.75	139	370821	47.088	ng		95
27) 2,4-Dimethylphenol	7.80	122	576462	44.327	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	747735	38.908	ng		99
29) 2,4-Dichlorophenol	8.00	162	585315	41.201	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	617510	37.455	ng		98
31) Naphthalene	8.16	128	1879379	41.233	ng		99
32) Benzoic acid	7.95	122	355712	55.526	ng		98
33) 4-Chloroaniline	8.20	127	545599	26.635	ng		98
34) Hexachlorobutadiene	8.27	225	340513	37.114	ng		99
35) Caprolactam	8.59	113	189206m	38.053	ng		
36) 4-Chloro-3-methylphenol	8.70	107	616341	44.420	ng		96
37) 2-Methylnaphthalene	8.85	142	1346567	43.507	ng		97
38) 1-Methylnaphthalene	8.95	142	1266432	42.576	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	609979	36.104	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	451822	68.216	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	416454	41.204	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	443500	41.200	ng		98
46) 1,1'-Biphenyl	9.32	154	1617791	36.773	ng		98
47) 2-Chloronaphthalene	9.34	162	1276924	37.080	ng		96
48) 2-Nitroaniline	9.44	65	376908	48.591	ng		96
49) Acenaphthylene	9.76	152	2026120	40.318	ng		100
50) Dimethylphthalate	9.62	163	1579058	41.153	ng		99
51) 2,6-Dinitrotoluene	9.68	165	362255	47.275	ng		97
52) Acenaphthene	9.93	154	1164848	37.884	ng		99
53) 3-Nitroaniline	9.85	138	273301	31.894	ng		99
54) 2,4-Dinitrophenol	9.97	184	303455	102.753	ng		93
55) Dibenzofuran	10.10	168	1771453	38.097	ng		96
56) 4-Nitrophenol	10.03	139	478535	78.268	ng		94
57) 2,4-Dinitrotoluene	10.09	165	477522	48.494	ng	#	88
58) Fluorene	10.45	166	1440234	41.456	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	366109	45.071	ng		95
60) Diethylphthalate	10.32	149	1543310	41.205	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	695361	37.092	ng		97
62) 4-Nitroaniline	10.47	138	382239	44.923	ng		97
63) Azobenzene	10.59	77	1355568	37.793	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	221338	50.202	ng		100
66) n-Nitrosodiphenylamine	10.55	169	1299606	37.621	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	444739	36.642	ng		98
68) Hexachlorobenzene	11.00	284	484381	37.047	ng		98
69) Atrazine	11.08	200	412775	37.029	ng		96
70) Pentachlorophenol	11.20	266	432790	69.697	ng		99
71) Phenanthrene	11.41	178	2092949	39.799	ng		100
72) Anthracene	11.46	178	2144692	40.260	ng		99
73) Carbazole	11.62	167	1971053	36.935	ng		99
74) Di-n-butylphthalate	11.93	149	2351480	39.173	ng		99
75) Fluoranthene	12.60	202	2203312	39.682	ng		99
77) Benzidine	12.71	184	636284	23.874	ng		96
78) Pyrene	12.83	202	2192583	41.603	ng		99
80) Butylbenzylphthalate	13.43	149	1012496	43.792	ng		94
81) Benzo(a)anthracene	14.02	228	1875587	40.951	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	524988	30.607	ng		97
83) Chrysene	14.06	228	1746388	40.297	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1351374	40.783	ng		98
85) Di-n-octyl phthalate	14.60	149	2058976	40.329	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1318981	32.988	ng		98
88) Benzo(b)fluoranthene	15.07	252	1520167	48.694	ng		99
89) Benzo(k)fluoranthene	15.10	252	1485581	49.166	ng		99
90) Benzo(a)pyrene	15.44	252	1374376	48.005	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1092746	42.974	ng		98
92) Benzo(g,h,i)perylene	17.43	276	1090563	43.534	ng		99

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

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