Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116066.D
Acq On : 8 Aug 2019 13:56
Operator : HP/JU
Sample : PB121894BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121894BS

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:03 AM

Quant Time: Aug 09 09:27:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142085	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	582070	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	308178	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	532555	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	378055	20.00	ng	0.00
87) Perylene-d12	15.46	264	303210	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	894669	105.41	ng	0.00
7) Phenol-d6	6.48	99	1138203	106.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	735035	72.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322279	107.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1248116	75.86	ng	-0.01
79) Terphenyl-d14	12.94	244	1426514	79.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	164129	38.278	ng	99
3) Pyridine	3.45	79	352043	29.392	ng	98
4) n-Nitrosodimethylamine	3.39	42	162943	34.472	ng	98
6) Aniline	6.50	93	426673	27.822	ng	96
8) 2-Chlorophenol	6.63	128	368688	39.283	ng	95
9) Benzaldehyde	6.39	77	112916	15.282	ng	99
10) Phenol	6.49	94	467541	37.076	ng	87
11) bis(2-Chloroethyl)ether	6.57	93	353651	38.145	ng	97
12) 1,3-Dichlorobenzene	6.78	146	391294	36.075	ng	99
13) 1,4-Dichlorobenzene	6.86	146	401332	36.954	ng	98
14) 1,2-Dichlorobenzene	7.01	146	374019	37.401	ng	99
15) Benzyl Alcohol	6.99	79	305433	37.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	468400	37.040	ng	93
17) 2-Methylphenol	7.10	107	316342	39.806	ng	98
18) Hexachloroethane	7.35	117	146593	36.662	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	252144	37.998	ng	97
20) 3+4-Methylphenols	7.25	107	375758	39.956	ng	97
22) Acetophenone	7.25	105	505364	39.588	ng	99
24) Nitrobenzene	7.42	77	409681	37.626	ng	100
25) Isophorone	7.66	82	746518	38.716	ng	100
26) 2-Nitrophenol	7.74	139	202415	39.438	ng	96
27) 2,4-Dimethylphenol	7.77	122	333359	43.171	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	455106	38.080	ng	99
29) 2,4-Dichlorophenol	7.98	162	322590	39.566	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	349572	37.613	ng	100
31) Naphthalene	8.14	128	1063937	38.843	ng	99
32) Benzoic acid	7.93	122	188933	34.704	ng	99
33) 4-Chloroaniline	8.19	127	291113	23.787	ng	98
34) Hexachlorobutadiene	8.26	225	192820	36.020	ng	98
35) Caprolactam	8.56	113	98964m	37.530	ng	
36) 4-Chloro-3-methylphenol	8.68	107	339563	40.034	ng	99
37) 2-Methylnaphthalene	8.83	142	713387	39.546	ng	99
38) 1-Methylnaphthalene	8.93	142	668666	39.181	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	326393	39.616	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	139801	40.922 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	209226	36.895 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	227830	38.865 ng	99
46) 1,1'-Biphenyl	9.30	154	865017	39.758 ng	97
47) 2-Chloronaphthalene	9.32	162	675796	37.319 ng	99
48) 2-Nitroaniline	9.42	65	211408	35.320 ng	99
49) Acenaphthylene	9.73	152	1030816	39.019 ng	98
50) Dimethylphthalate	9.60	163	809755	38.590 ng	99
51) 2,6-Dinitrotoluene	9.66	165	177144	38.847 ng	99
52) Acenaphthene	9.91	154	617894	38.124 ng	100
53) 3-Nitroaniline	9.83	138	144787	25.696 ng	98
54) 2,4-Dinitrophenol	9.95	184	146046	64.632 ng	93
55) Dibenzofuran	10.08	168	904643	38.382 ng	100
56) 4-Nitrophenol	10.01	139	234195	64.883 ng	88
57) 2,4-Dinitrotoluene	10.07	165	229441	37.791 ng	98
58) Fluorene	10.42	166	711076	39.212 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	197282	40.002 ng	99
60) Diethylphthalate	10.29	149	766420	39.122 ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	361409	39.352 ng	98
62) 4-Nitroaniline	10.45	138	189488	32.541 ng	99
63) Azobenzene	10.57	77	784030	38.909 ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	113693	40.285 ng	99
66) n-Nitrosodiphenylamine	10.53	169	644896	40.232 ng	98
67) 4-Bromophenyl-phenylether	10.90	248	224066	39.303 ng	97
68) Hexachlorobenzene	10.97	284	248969	37.767 ng	98
69) Atrazine	11.06	200	196694	37.300 ng	98
70) Pentachlorophenol	11.17	266	224033	69.999 ng	99
71) Phenanthrene	11.39	178	1055646	38.774 ng	99
72) Anthracene	11.44	178	1093377	39.682 ng	99
73) Carbazole	11.59	167	987452	39.502 ng	99
74) Di-n-butylphthalate	11.92	149	1193036	40.912 ng	99
75) Fluoranthene	12.57	202	1106691	38.828 ng	98
77) Benzidine	12.69	184	307640	24.087 ng	98
78) Pyrene	12.80	202	1133424	39.772 ng	100
80) Butylbenzylphthalate	13.41	149	505434	41.928 ng	96
81) Benzo(a)anthracene	13.99	228	925061	38.283 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	294222	35.047 ng	96
83) Chrysene	14.03	228	914743	38.993 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	701145	44.758 ng	99
85) Di-n-octyl phthalate	14.58	149	1083694	43.553 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	775379	39.352 ng	99
88) Benzo(b)fluoranthene	15.04	252	876278	49.982 ng	98
89) Benzo(k)fluoranthene	15.07	252	728919	42.686 ng	98
90) Benzo(a)pyrene	15.40	252	746270	47.617 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	658396	48.533 ng	99
92) Benzo(g,h,i)perylene	17.37	276	650100	48.795 ng	98

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

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