Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111939.D
Acq On : 9 Jan 2019 9:50
Operator : JU/SJ
Sample : PB116192BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Manual Integrations APPROVED
Sohil
1/10/2019 11:45:40 AM

Quant Time: Jan 09 10:19:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	200694	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	787825	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	409756	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	710954	20.00	ng		0.00
76) Chrysene-d12	14.06	240	604691	20.00	ng		0.00
87) Perylene-d12	15.54	264	458391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1422179	121.23	ng		0.02
7) Phenol-d6	6.54	99	1723223	113.97	ng		0.00
23) Nitrobenzene-d5	7.45	82	1018604	69.10	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	622306	116.76	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1984420	70.62	ng		0.00
79) Terphenyl-d14	13.00	244	1995363	62.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	177915	34.686	ng		99
3) Pyridine	3.56	79	491532	36.971	ng		99
4) n-Nitrosodimethylamine	3.51	42	280791	42.449	ng		96
6) Aniline	6.55	93	532235	29.113	ng	#	55
8) 2-Chlorophenol	6.68	128	522673	40.125	ng		98
9) Benzaldehyde	6.43	77	106560	9.247	ng		99
10) Phenol	6.55	94	619478	37.697	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	478359	37.627	ng		99
12) 1,3-Dichlorobenzene	6.83	146	605287	40.083	ng		98
13) 1,4-Dichlorobenzene	6.90	146	615974	40.197	ng		99
14) 1,2-Dichlorobenzene	7.06	146	579633	39.571	ng		98
15) Benzyl Alcohol	7.03	79	498785	41.694	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	882725	40.725	ng		96
17) 2-Methylphenol	7.15	107	453889	43.355	ng		97
18) Hexachloroethane	7.40	117	216833	40.527	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	401207	40.840	ng		98
20) 3+4-Methylphenols	7.30	107	574264	44.074	ng	#	84
22) Acetophenone	7.29	105	759670	38.088	ng		98
24) Nitrobenzene	7.47	77	604581	40.544	ng		99
25) Isophorone	7.71	82	1061338	44.463	ng		99
26) 2-Nitrophenol	7.79	139	310943	42.350	ng		97
27) 2,4-Dimethylphenol	7.83	122	514018	48.420	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	684399	42.955	ng		99
29) 2,4-Dichlorophenol	8.03	162	480458	39.359	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	533116	39.588	ng		98
31) Naphthalene	8.19	128	1636141	43.749	ng		100
32) Benzoic acid	7.97	122	313031	45.439	ng		96
33) 4-Chloroaniline	8.24	127	493251	30.510	ng		99
34) Hexachlorobutadiene	8.31	225	318701	38.015	ng		99
35) Caprolactam	8.62	113	169665m	42.540	ng		
36) 4-Chloro-3-methylphenol	8.73	107	486944	40.120	ng		98
37) 2-Methylnaphthalene	8.89	142	1130907	48.801	ng		100
38) 1-Methylnaphthalene	8.99	142	1066966	48.004	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	542291	41.513	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	9.04	237	660416	87.436 ng	100
43) 2,4,6-Trichlorophenol	9.17	196	345352	38.977 ng	98
44) 2,4,5-Trichlorophenol	9.22	196	376000	40.503 ng	97
46) 1,1'-Biphenyl	9.35	154	1399557	40.833 ng	99
47) 2-Chloronaphthalene	9.37	162	1092188	40.601 ng	98
48) 2-Nitroaniline	9.47	65	338650	41.176 ng	96
49) Acenaphthylene	9.79	152	1726795	43.419 ng	100
50) Dimethylphthalate	9.65	163	1183500	38.449 ng	99
51) 2,6-Dinitrotoluene	9.71	165	266070	38.654 ng	97
52) Acenaphthene	9.96	154	996313	38.859 ng	99
53) 3-Nitroaniline	9.88	138	235633	31.966 ng	99
54) 2,4-Dinitrophenol	9.99	184	275261	94.441 ng	93
55) Dibenzofuran	10.14	168	1505982	40.389 ng	100
56) 4-Nitrophenol	10.06	139	419698	80.580 ng	95
57) 2,4-Dinitrotoluene	10.12	165	379543	42.673 ng	94
58) Fluorene	10.48	166	1180560	43.512 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	343167	43.874 ng	97
60) Diethylphthalate	10.35	149	1203866	40.414 ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	595681	39.152 ng	96
62) 4-Nitroaniline	10.50	138	279352	39.954 ng	100
63) Azobenzene	10.63	77	1165835	40.969 ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	171720	39.145 ng	96
66) n-Nitrosodiphenylamine	10.59	169	996913	41.785 ng	99
67) 4-Bromophenyl-phenylether	10.96	248	394599	42.852 ng	98
68) Hexachlorobenzene	11.03	284	429759	42.111 ng	98
69) Atrazine	11.12	200	325634	38.847 ng	98
70) Pentachlorophenol	11.23	266	415732	71.587 ng	97
71) Phenanthrene	11.44	178	1614041	42.462 ng	99
72) Anthracene	11.50	178	1745891	45.246 ng	100
73) Carbazole	11.64	167	1501581	40.006 ng	99
74) Di-n-butylphthalate	11.97	149	1672473	38.362 ng	100
75) Fluoranthene	12.63	202	1564529	40.094 ng	99
77) Benzidine	12.74	184	508185	28.126 ng	97
78) Pyrene	12.86	202	1582114	38.026 ng	99
80) Butylbenzylphthalate	13.47	149	728770	41.431 ng	98
81) Benzo(a)anthracene	14.05	228	1510221	43.396 ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	464007	36.116 ng	97
83) Chrysene	14.09	228	1408341	42.443 ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1023461	44.304 ng	99
85) Di-n-octyl phthalate	14.64	149	1494622	45.211 ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	1249256	51.642 ng	99
88) Benzo(b)fluoranthene	15.11	252	1252782	45.688 ng	99
89) Benzo(k)fluoranthene	15.14	252	1188982	46.129 ng	99
90) Benzo(a)pyrene	15.48	252	1161160	48.161 ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1038340	53.546 ng	99
92) Benzo(g,h,i)perylene	17.50	276	1066618	56.236 ng	97

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

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