Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111843.D
Acq On : 4 Jan 2019 14:34
Operator : JU/SJ
Sample : PB116151BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116151BS

Manual Integrations APPROVED
Sohil
1/7/2019 11:03:50 AM

Quant Time: Jan 05 01:01:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 04 15:03:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	226684	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	847471	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	430832	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	819941	20.00	ng		0.00
76) Chrysene-d12	14.06	240	603892	20.00	ng		0.00
87) Perylene-d12	15.54	264	427853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1597080	120.09	ng		0.02
7) Phenol-d6	6.55	99	2030536	119.97	ng		0.00
23) Nitrobenzene-d5	7.46	82	1093959	75.14	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	669097	131.44	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2090165	70.71	ng		0.00
79) Terphenyl-d14	13.00	244	2249504	70.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	229299	36.647	ng		95
3) Pyridine	3.55	79	622174	38.167	ng		98
4) n-Nitrosodimethylamine	3.50	42	339248	42.524	ng		91
6) Aniline	6.56	93	632667	29.326	ng	#	3
8) 2-Chlorophenol	6.69	128	611123	41.483	ng		95
9) Benzaldehyde	6.44	77	156923	13.481	ng		99
10) Phenol	6.56	94	727039	38.072	ng		76
11) bis(2-Chloroethyl)ether	6.63	93	582319	40.693	ng		97
12) 1,3-Dichlorobenzene	6.84	146	687407	40.264	ng		99
13) 1,4-Dichlorobenzene	6.92	146	690597	39.885	ng		98
14) 1,2-Dichlorobenzene	7.07	146	654965	40.545	ng		96
15) Benzyl Alcohol	7.04	79	546834	40.682	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	976187	37.040	ng		93
17) 2-Methylphenol	7.16	107	497782	42.199	ng	#	94
18) Hexachloroethane	7.41	117	244259	41.864	ng	#	86
19) n-Nitroso-di-n-propylamine	7.30	70	428291	38.104	ng		97
20) 3+4-Methylphenols	7.31	107	607807	40.778	ng	#	78
22) Acetophenone	7.30	105	812770	37.857	ng	#	94
24) Nitrobenzene	7.47	77	650418	42.624	ng		98
25) Isophorone	7.72	82	1170512	45.286	ng		98
26) 2-Nitrophenol	7.79	139	337177	54.482	ng		98
27) 2,4-Dimethylphenol	7.83	122	553794	45.394	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	731074	42.505	ng		98
29) 2,4-Dichlorophenol	8.04	162	553453	42.177	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	590835	40.406	ng		97
31) Naphthalene	8.20	128	1772321	43.525	ng		97
32) Benzoic acid	7.95	122	261353	32.401	ng		93
33) 4-Chloroaniline	8.25	127	483376	27.465	ng		99
34) Hexachlorobutadiene	8.32	225	354561	39.785	ng		96
35) Caprolactam	8.61	113	166394m	37.422	ng		
36) 4-Chloro-3-methylphenol	8.74	107	542098	42.027	ng		98
37) 2-Methylnaphthalene	8.89	142	1206442	45.539	ng		100
38) 1-Methylnaphthalene	8.99	142	1131612	44.475	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	563862	39.829	ng		98

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Quant Time: Jan 05 01:01:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 04 15:03:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	759490	110.553	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	395361	41.828	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	417021	43.006	ng	#	89
46) 1,1'-Biphenyl	9.36	154	1455169	40.012	ng		95
47) 2-Chloronaphthalene	9.38	162	1150632	39.932	ng		95
48) 2-Nitroaniline	9.47	65	355366	47.407	ng		97
49) Acenaphthylene	9.80	152	1824714	43.372	ng		96
50) Dimethylphthalate	9.66	163	1335583	42.392	ng		98
51) 2,6-Dinitrotoluene	9.72	165	300986	47.911	ng		99
52) Acenaphthene	9.97	154	1202505	46.343	ng		98
53) 3-Nitroaniline	9.89	138	229042	34.186	ng		91
54) 2,4-Dinitrophenol	9.99	184	272750	130.237	ng		89
55) Dibenzofuran	10.15	168	1610834	41.091	ng		93
56) 4-Nitrophenol	10.06	139	475127	92.924	ng		97
57) 2,4-Dinitrotoluene	10.12	165	408496	54.103	ng		93
58) Fluorene	10.49	166	1233181	43.655	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	368373	45.141	ng	#	87
60) Diethylphthalate	10.35	149	1262430	40.849	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	625896	40.104	ng		92
62) 4-Nitroaniline	10.50	138	307129	47.165	ng		94
63) Azobenzene	10.63	77	1226499	39.531	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	193252	55.769	ng	#	70
66) n-Nitrosodiphenylamine	10.59	169	1098101	39.896	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	408326	40.150	ng		93
68) Hexachlorobenzene	11.04	284	461830	40.729	ng	#	90
69) Atrazine	11.12	200	373099	39.019	ng		95
70) Pentachlorophenol	11.23	266	462618	65.993	ng		97
71) Phenanthrene	11.45	178	1806499	41.543	ng		95
72) Anthracene	11.50	178	1861416	42.647	ng		98
73) Carbazole	11.65	167	1639076	38.680	ng		96
74) Di-n-butylphthalate	11.97	149	1899673	39.983	ng		97
75) Fluoranthene	12.64	202	1852376	42.067	ng		96
77) Benzidine	12.75	184	742822	32.689	ng		97
78) Pyrene	12.87	202	1844418	43.250	ng		98
80) Butylbenzylphthalate	13.47	149	766037	44.067	ng		93
81) Benzo(a)anthracene	14.05	228	1514501	43.945	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	349725	25.683	ng	#	96
83) Chrysene	14.09	228	1408341	41.577	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	986207	45.040	ng	#	98
85) Di-n-octyl phthalate	14.65	149	1454768	42.882	ng		94
86) Indeno(1,2,3-cd)pyrene	17.05	276	929112	32.266	ng	#	88
88) Benzo(b)fluoranthene	15.11	252	1246991	49.869	ng	#	96
89) Benzo(k)fluoranthene	15.14	252	1097828m	46.116	ng		
90) Benzo(a)pyrene	15.49	252	1080692	47.571	ng	#	95
91) Dibenzo(a,h)anthracene	17.07	278	749512	37.677	ng	#	92
92) Benzo(g,h,i)perylene	17.50	276	742249	38.211	ng	#	88

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

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