Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121363.D
Acq On : 21 Aug 2020 12:07
Operator : JU/CG
Sample : PB130970BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:02 PM

Quant Time: Aug 21 13:27:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155100	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	594105	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	305853	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	575392	20.00	ng		0.00
76) Chrysene-d12	13.86	240	458831	20.00	ng		0.01
86) Perylene-d12	15.27	264	493475	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	883468	93.40	ng		0.02
7) Phenol-d6	6.35	99	1061960	87.95	ng		0.00
23) Nitrobenzene-d5	7.27	82	730419	69.53	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	333163	93.48	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1283047	79.73	ng		0.00
79) Terphenyl-d14	12.80	244	1306771	55.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	233173	54.476	ng		100
3) Pyridine	3.13	79	337325	29.363	ng		97
4) n-Nitrosodimethylamine	3.09	42	183332	39.209	ng		98
6) Aniline	6.36	93	454627	32.606	ng	#	60
8) 2-Chlorophenol	6.49	128	411663	41.640	ng		99
9) Benzaldehyde	6.25	77	265419	39.072	ng		98
10) Phenol	6.36	94	461255	36.431	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	387701	39.759	ng		96
12) 1,3-Dichlorobenzene	6.64	146	407361	36.778	ng		99
13) 1,4-Dichlorobenzene	6.72	146	414251	37.048	ng		99
14) 1,2-Dichlorobenzene	6.87	146	390105	36.635	ng		97
15) Benzyl Alcohol	6.85	79	324715	44.694	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	519137	36.157	ng		75
17) 2-Methylphenol	6.97	107	323785	39.693	ng		94
18) Hexachloroethane	7.20	117	153101	36.773	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	246043	37.887	ng		99
20) 3+4-Methylphenols	7.12	107	379633	47.426	ng	#	90
22) Acetophenone	7.11	105	518119	37.303	ng		97
24) Nitrobenzene	7.29	77	407778	38.087	ng		97
25) Isophorone	7.53	82	752980	39.388	ng		98
26) 2-Nitrophenol	7.60	139	224565	40.897	ng		94
27) 2,4-Dimethylphenol	7.65	122	354236	45.211	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	481334	36.987	ng		99
29) 2,4-Dichlorophenol	7.85	162	331291	38.728	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	359358	36.736	ng		99
31) Naphthalene	8.00	128	1111270	37.583	ng		100
32) Benzoic acid	7.80	122	175358	31.478	ng		98
33) 4-Chloroaniline	8.06	127	422566	32.274	ng		98
34) Hexachlorobutadiene	8.12	225	203010	35.067	ng		100
35) Caprolactam	8.43	113	123893m	44.222	ng		
36) 4-Chloro-3-methylphenol	8.55	107	348721	40.306	ng		99
37) 2-Methylnaphthalene	8.69	142	749839	39.126	ng		98
38) 1-Methylnaphthalene	8.79	142	700601	38.447	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	349120	38.459	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	298996	82.921	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	237596	38.285	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	255811	40.065	ng		96
46) 1,1'-Biphenyl	9.16	154	894344	39.014	ng		99
47) 2-Chloronaphthalene	9.18	162	688943	36.479	ng		99
48) 2-Nitroaniline	9.28	65	228474	38.422	ng		99
49) Acenaphthylene	9.60	152	1111068	39.607	ng		100
50) Dimethylphthalate	9.46	163	850522	38.223	ng		100
51) 2,6-Dinitrotoluene	9.53	165	191033	40.199	ng		96
52) Acenaphthene	9.77	154	648903	38.071	ng		99
53) 3-Nitroaniline	9.69	138	169904	28.580	ng		96
54) 2,4-Dinitrophenol	9.81	184	192978	84.232	ng		99
55) Dibenzofuran	9.94	168	946234	43.290	ng		99
56) 4-Nitrophenol	9.87	139	275304	75.091	ng		99
57) 2,4-Dinitrotoluene	9.93	165	228491	39.412	ng		89
58) Fluorene	10.28	166	727836	45.561	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	221353	40.555	ng		97
60) Diethylphthalate	10.16	149	820524	37.762	ng		100
61) 4-Chlorophenyl-phenylether	10.27	204	355886	44.037	ng		98
62) 4-Nitroaniline	10.31	138	226804	37.235	ng		98
63) Azobenzene	10.43	77	780152	38.656	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	141042	45.835	ng		100
66) n-Nitrosodiphenylamine	10.40	169	700915	39.492	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	243421	38.138	ng		98
68) Hexachlorobenzene	10.83	284	275950	37.508	ng	#	92
69) Atrazine	10.93	200	206224	37.509	ng		99
70) Pentachlorophenol	11.03	266	268765	82.105	ng		99
71) Phenanthrene	11.24	178	1120082	37.613	ng		100
72) Anthracene	11.29	178	1165378	40.638	ng		100
73) Carbazole	11.45	167	1093412	39.952	ng		100
74) Di-n-butylphthalate	11.78	149	1281582	38.833	ng		100
75) Fluoranthene	12.43	202	1245853	38.544	ng		98
77) Benzidine	12.55	184	821441	64.982	ng		99
78) Pyrene	12.66	202	1296459	37.616	ng		99
80) Butylbenzylphthalate	13.27	149	561831	37.936	ng		99
81) Benzo(a)anthracene	13.85	228	1065203	37.378	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	360467	32.944	ng		99
83) Chrysene	13.89	228	1081983	37.122	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	662094	38.016	ng		100
85) Di-n-octyl phthalate	14.45	149	1308678	40.603	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	1247246	41.405	ng		99
88) Benzo(b)fluoranthene	14.87	252	1150949	36.102	ng		99
89) Benzo(k)fluoranthene	14.90	252	1096491	39.072	ng		99
90) Benzo(a)pyrene	15.22	252	1049765	38.110	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	1014525	41.077	ng		100
92) Benzo(g,h,i)perylene	17.05	276	1063710	44.054	ng		99

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

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