Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117196.D
Acq On : 20 Sep 2019 20:03
Operator : HP/JU
Sample : PB123244BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:46 AM

Quant Time: Sep 21 01:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42540	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	172231	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	91809	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	148927	20.00	ng		0.01
76) Chrysene-d12	13.99	240	97080	20.00	ng		0.01
87) Perylene-d12	15.43	264	75648	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	232903	85.48	ng		0.02
7) Phenol-d6	6.47	99	321344	91.26	ng		0.01
23) Nitrobenzene-d5	7.39	82	298122	90.95	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	81413	106.10	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	585321	99.68	ng		0.00
79) Terphenyl-d14	12.93	244	563919	108.58	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	44066	38.649	ng		95
3) Pyridine	3.42	79	77287	24.766	ng		97
4) n-Nitrosodimethylamine	3.38	42	45701	42.673	ng	#	72
6) Aniline	6.49	93	134468	29.659	ng	#	86
8) 2-Chlorophenol	6.61	128	126454	43.019	ng		99
9) Benzaldehyde	6.37	77	91634	55.811	ng		96
10) Phenol	6.48	94	163014	41.992	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	118481	41.527	ng		98
12) 1,3-Dichlorobenzene	6.76	146	127854	38.762	ng		98
13) 1,4-Dichlorobenzene	6.84	146	133323	39.607	ng		98
14) 1,2-Dichlorobenzene	6.99	146	127431	40.661	ng		98
15) Benzyl Alcohol	6.97	79	122754	45.459	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	109029	38.679	ng		66
17) 2-Methylphenol	7.08	107	105355	42.766	ng	#	89
18) Hexachloroethane	7.33	117	52014	40.166	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	97654	45.542	ng		92
20) 3+4-Methylphenols	7.24	107	138240	45.050	ng	#	78
22) Acetophenone	7.23	105	194623	44.477	ng	#	95
24) Nitrobenzene	7.40	77	143180	44.231	ng		99
25) Isophorone	7.65	82	263815	45.455	ng		99
26) 2-Nitrophenol	7.72	139	63823	45.901	ng	#	90
27) 2,4-Dimethylphenol	7.76	122	111892	50.745	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	153113	42.819	ng		100
29) 2,4-Dichlorophenol	7.97	162	106298	46.009	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	105941	42.443	ng		96
31) Naphthalene	8.13	128	370372	44.713	ng		98
32) Benzoic acid	7.92	122	61506	38.461	ng		95
33) 4-Chloroaniline	8.17	127	59536	16.205	ng		98
34) Hexachlorobutadiene	8.24	225	63639	44.938	ng		99
35) Caprolactam	8.56	113	28301m	36.190	ng		
36) 4-Chloro-3-methylphenol	8.67	107	125394	46.546	ng		97
37) 2-Methylnaphthalene	8.82	142	259548	46.532	ng		97
38) 1-Methylnaphthalene	8.92	142	237842	45.528	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	103830	43.796	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	113149	105.230	ng		97
43) 2,4,6-Trichlorophenol	9.10	196	70971	44.113	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	77924	45.333	ng		95
46) 1,1'-Biphenyl	9.28	154	314007	43.603	ng		99
47) 2-Chloronaphthalene	9.30	162	244180	42.963	ng		98
48) 2-Nitroaniline	9.40	65	75575	41.457	ng		91
49) Acenaphthylene	9.72	152	380260	44.662	ng		99
50) Dimethylphthalate	9.58	163	291536	44.848	ng		99
51) 2,6-Dinitrotoluene	9.65	165	61849	46.716	ng	#	72
52) Acenaphthene	9.89	154	223628	44.308	ng		98
53) 3-Nitroaniline	9.82	138	33253	19.907	ng		97
54) 2,4-Dinitrophenol	9.93	184	44571	78.199	ng		94
55) Dibenzofuran	10.06	168	342979	46.058	ng		96
56) 4-Nitrophenol	10.00	139	78659	72.656	ng		90
57) 2,4-Dinitrotoluene	10.06	165	82710	48.127	ng	#	82
58) Fluorene	10.41	166	284688	47.460	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	60958	46.342	ng	#	96
60) Diethylphthalate	10.28	149	307724	48.117	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	129458	49.881	ng		97
62) 4-Nitroaniline	10.44	138	65588	37.756	ng	#	84
63) Azobenzene	10.56	77	311930	47.755	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	34379	50.280	ng		85
66) n-Nitrosodiphenylamine	10.52	169	246246	47.877	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	74042	48.683	ng		97
68) Hexachlorobenzene	10.96	284	76561	46.024	ng		93
69) Atrazine	11.05	200	68335	57.583	ng		99
70) Pentachlorophenol	11.16	266	71380	91.541	ng		99
71) Phenanthrene	11.37	178	382328	45.198	ng		99
72) Anthracene	11.42	178	398721	46.170	ng		98
73) Carbazole	11.57	167	349656	42.655	ng		99
74) Di-n-butylphthalate	11.90	149	502419	51.514	ng		99
75) Fluoranthene	12.56	202	381504	43.893	ng		99
77) Benzidine	12.67	184	187149	59.846	ng		98
78) Pyrene	12.79	202	381030	46.777	ng		99
80) Butylbenzylphthalate	13.39	149	193545	50.285	ng		96
81) Benzo(a)anthracene	13.97	228	280579	43.259	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	51298	24.543	ng	#	92
83) Chrysene	14.01	228	272240	43.035	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	285666	57.562	ng		99
85) Di-n-octyl phthalate	14.56	149	439458	56.261	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	193469	41.920	ng		97
88) Benzo(b)fluoranthene	15.02	252	209583	45.738	ng		98
89) Benzo(k)fluoranthene	15.04	252	210888	48.584	ng		99
90) Benzo(a)pyrene	15.37	252	190724	47.432	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	163493	51.039	ng		97
92) Benzo(g,h,i)perylene	17.32	276	148434	46.501	ng		97

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

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