Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116428.D
Acq On : 20 Aug 2019 12:11
Operator : HP/JU
Sample : PB122210BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122210BSD

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:07 PM

Quant Time: Aug 20 15:22:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116366	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	481695	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	254901	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	447007	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	324104	20.00	ng		-0.01
87) Perylene-d12	15.42	264	270601	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	818277	117.72	ng		0.00
7) Phenol-d6	6.46	99	978640	111.59	ng		0.00
23) Nitrobenzene-d5	7.37	82	645635	77.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	270383	109.41	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1125535	82.71	ng		-0.01
79) Terphenyl-d14	12.90	244	1264563	82.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	139294	39.667	ng		99
3) Pyridine	3.39	79	320741	32.697	ng		99
4) n-Nitrosodimethylamine	3.33	42	148046	38.243	ng		100
6) Aniline	6.47	93	364590	29.028	ng	#	55
8) 2-Chlorophenol	6.60	128	343694	44.714	ng		97
9) Benzaldehyde	6.36	77	111918	18.495	ng		97
10) Phenol	6.47	94	424532	41.106	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	326697	43.026	ng		97
12) 1,3-Dichlorobenzene	6.75	146	364192	40.997	ng		99
13) 1,4-Dichlorobenzene	6.82	146	376401	42.318	ng		98
14) 1,2-Dichlorobenzene	6.97	146	345775	42.219	ng		99
15) Benzyl Alcohol	6.96	79	274216	41.201	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	428901	41.412	ng		60
17) 2-Methylphenol	7.07	107	280155	43.044	ng	#	90
18) Hexachloroethane	7.31	117	136704	41.745	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	240001	44.162	ng		99
20) 3+4-Methylphenols	7.23	107	372030	48.303	ng	#	77
22) Acetophenone	7.22	105	476033	45.061	ng	#	93
24) Nitrobenzene	7.39	77	381440	42.332	ng		97
25) Isophorone	7.63	82	685121	42.936	ng		99
26) 2-Nitrophenol	7.71	139	184961	43.547	ng		95
27) 2,4-Dimethylphenol	7.75	122	303646	47.518	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	420319	42.498	ng		100
29) 2,4-Dichlorophenol	7.96	162	291661	43.227	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	319200	41.502	ng		99
31) Naphthalene	8.10	128	993631	43.835	ng		99
32) Benzoic acid	7.91	122	154618	34.319	ng		99
33) 4-Chloroaniline	8.16	127	288103	28.446	ng		98
34) Hexachlorobutadiene	8.22	225	179863	40.601	ng		99
35) Caprolactam	8.54	113	91600m	41.976	ng		
36) 4-Chloro-3-methylphenol	8.66	107	304603	43.396	ng		97
37) 2-Methylnaphthalene	8.80	142	649706	43.521	ng		99
38) 1-Methylnaphthalene	8.89	142	610710	43.242	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	297843	43.707	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	136278	47.171	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	180791	38.544	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	185430	38.244	ng		97
46) 1,1'-Biphenyl	9.26	154	796633	44.267	ng		99
47) 2-Chloronaphthalene	9.29	162	626973	41.860	ng		100
48) 2-Nitroaniline	9.39	65	196129	39.616	ng		97
49) Acenaphthylene	9.70	152	934618	42.772	ng		99
50) Dimethylphthalate	9.56	163	723739	41.700	ng		100
51) 2,6-Dinitrotoluene	9.63	165	163398	43.322	ng	#	81
52) Acenaphthene	9.87	154	569887	42.511	ng		100
53) 3-Nitroaniline	9.80	138	133328	28.608	ng		99
54) 2,4-Dinitrophenol	9.93	184	108850	59.013	ng		100
55) Dibenzofuran	10.05	168	802652	41.172	ng		98
56) 4-Nitrophenol	9.99	139	159034	53.269	ng		94
57) 2,4-Dinitrotoluene	10.05	165	202505	40.325	ng	#	92
58) Fluorene	10.39	166	666324	44.424	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	176656	43.306	ng		94
60) Diethylphthalate	10.26	149	714567	44.098	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	338764	44.596	ng		99
62) 4-Nitroaniline	10.42	138	158372	32.882	ng		97
63) Azobenzene	10.53	77	731099	43.866	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	101384	42.799	ng		98
66) n-Nitrosodiphenylamine	10.50	169	586065	43.559	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	204984	42.837	ng		99
68) Hexachlorobenzene	10.94	284	226841	40.995	ng		97
69) Atrazine	11.02	200	179978	40.661	ng		99
70) Pentachlorophenol	11.14	266	159413	59.340	ng		97
71) Phenanthrene	11.35	178	980415	42.903	ng		100
72) Anthracene	11.40	178	1012927	43.798	ng		99
73) Carbazole	11.56	167	909473	43.345	ng		100
74) Di-n-butylphthalate	11.87	149	1129196	46.134	ng		99
75) Fluoranthene	12.54	202	1035821	43.297	ng		98
77) Benzidine	12.66	184	290492	26.530	ng		98
78) Pyrene	12.77	202	1047242	42.865	ng		99
80) Butylbenzylphthalate	13.37	149	478586	46.309	ng		96
81) Benzo(a)anthracene	13.96	228	862766	41.648	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	274103	38.086	ng		99
83) Chrysene	13.99	228	861632	42.843	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	663001	49.368	ng	#	98
85) Di-n-octyl phthalate	14.53	149	1066996	50.020	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	719735	42.609	ng		99
88) Benzo(b)fluoranthene	15.00	252	775806	49.583	ng		100
89) Benzo(k)fluoranthene	15.03	252	732674m	48.076	ng		
90) Benzo(a)pyrene	15.36	252	704573	50.374	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	620555	51.256	ng		98
92) Benzo(g,h,i)perylene	17.32	276	609965	51.300	ng		98

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

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