Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116187.D
Acq On : 12 Aug 2019 13:05
Operator : HP/JU
Sample : PB122156BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122156BS

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:27 AM

Quant Time: Aug 12 15:22:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	136018	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	564043	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	309346	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	542469	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	371317	20.00	ng		0.00
87) Perylene-d12	15.47	264	288233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	886325	109.09	ng		0.00
7) Phenol-d6	6.48	99	1105045	107.80	ng		0.00
23) Nitrobenzene-d5	7.40	82	733150	75.03	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	334806	111.63	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1303866	78.95	ng		-0.01
79) Terphenyl-d14	12.94	244	1479197	83.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	154832	37.721	ng		97
3) Pyridine	3.43	79	340725	29.716	ng		99
4) n-Nitrosodimethylamine	3.38	42	155071	34.270	ng		100
6) Aniline	6.50	93	409575	27.899	ng	#	86
8) 2-Chlorophenol	6.63	128	375213	41.762	ng		99
9) Benzaldehyde	6.39	77	113880	16.100	ng		95
10) Phenol	6.49	94	473785	39.247	ng		95
11) bis(2-Chloroethyl)ether	6.57	93	356942	40.217	ng		98
12) 1,3-Dichlorobenzene	6.77	146	395020	38.043	ng		98
13) 1,4-Dichlorobenzene	6.85	146	404222	38.880	ng		98
14) 1,2-Dichlorobenzene	7.00	146	371558	38.812	ng		99
15) Benzyl Alcohol	6.98	79	304601	39.154	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	476638	39.372	ng		82
17) 2-Methylphenol	7.09	107	315474	41.468	ng		99
18) Hexachloroethane	7.34	117	146633	38.307	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	258626	40.713	ng		99
20) 3+4-Methylphenols	7.25	107	384251	42.681	ng		93
22) Acetophenone	7.25	105	511147	41.321	ng		99
24) Nitrobenzene	7.42	77	421550	39.954	ng		99
25) Isophorone	7.66	82	769162	41.165	ng		99
26) 2-Nitrophenol	7.73	139	208616	41.945	ng		99
27) 2,4-Dimethylphenol	7.77	122	341359	45.620	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	474768	40.995	ng		100
29) 2,4-Dichlorophenol	7.98	162	332804	42.124	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	357006	39.641	ng		99
31) Naphthalene	8.13	128	1099077	41.408	ng		99
32) Benzoic acid	7.93	122	191378	36.277	ng		98
33) 4-Chloroaniline	8.19	127	319872	26.972	ng		99
34) Hexachlorobutadiene	8.25	225	197741	38.119	ng		99
35) Caprolactam	8.56	113	104543m	40.913	ng		
36) 4-Chloro-3-methylphenol	8.68	107	351170	42.726	ng		99
37) 2-Methylnaphthalene	8.83	142	739203	42.287	ng		98
38) 1-Methylnaphthalene	8.93	142	697999	42.207	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	340145	41.130	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	132828	39.050	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	221658	38.939	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	234644	39.877	ng	99
46) 1,1'-Biphenyl	9.29	154	905706	41.471	ng	99
47) 2-Chloronaphthalene	9.32	162	718399	39.522	ng	98
48) 2-Nitroaniline	9.42	65	225867	37.593	ng	98
49) Acenaphthylene	9.73	152	1074294	40.511	ng	99
50) Dimethylphthalate	9.59	163	857235	40.699	ng	100
51) 2,6-Dinitrotoluene	9.66	165	189647	41.432	ng	99
52) Acenaphthene	9.90	154	653803	40.187	ng	99
53) 3-Nitroaniline	9.83	138	146499	25.902	ng	96
54) 2,4-Dinitrophenol	9.95	184	156297	68.391	ng	99
55) Dibenzofuran	10.08	168	940310	39.744	ng	100
56) 4-Nitrophenol	10.01	139	236379	65.241	ng	95
57) 2,4-Dinitrotoluene	10.07	165	238048	39.060	ng	96
58) Fluorene	10.42	166	756617	41.566	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	207952	42.006	ng	99
60) Diethylphthalate	10.29	149	833142	42.367	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	381952	41.432	ng	98
62) 4-Nitroaniline	10.45	138	199800	34.183	ng	97
63) Azobenzene	10.57	77	851540	42.100	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	123807	43.067	ng	93
66) n-Nitrosodiphenylamine	10.53	169	683531	41.863	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	239743	41.284	ng	99
68) Hexachlorobenzene	10.97	284	263304	39.211	ng	99
69) Atrazine	11.06	200	211046	39.290	ng	100
70) Pentachlorophenol	11.17	266	239636	73.505	ng	98
71) Phenanthrene	11.39	178	1117562	40.298	ng	99
72) Anthracene	11.44	178	1162959	41.436	ng	99
73) Carbazole	11.59	167	1052590	41.338	ng	99
74) Di-n-butylphthalate	11.91	149	1288639	43.383	ng	100
75) Fluoranthene	12.57	202	1171064	40.336	ng	98
77) Benzidine	12.69	184	329830	26.292	ng	97
78) Pyrene	12.80	202	1203323	42.991	ng	99
80) Butylbenzylphthalate	13.41	149	530114	44.773	ng	98
81) Benzo(a)anthracene	13.99	228	957851	40.359	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	288937	35.042	ng	98
83) Chrysene	14.03	228	944971	41.012	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	732870	47.632	ng	99
85) Di-n-octyl phthalate	14.57	149	1121350	45.884	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	737209	38.094	ng	99
88) Benzo(b)fluoranthene	15.04	252	815306	48.920	ng	99
89) Benzo(k)fluoranthene	15.07	252	782328	48.194	ng	98
90) Benzo(a)pyrene	15.41	252	742932	49.868	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	624647	48.438	ng	99
92) Benzo(g,h,i)perylene	17.39	276	615932	48.633	ng	98

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

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