Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116002.D
Acq On : 6 Aug 2019 10:16
Operator : HP/JU
Sample : PB121973BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121973BS

Manual Integrations APPROVED
mohammad
8/7/2019 4:41:35 PM

Quant Time: Aug 07 01:35:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152364	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	619949	20.00	ng		-0.01
39) Acenaphthene-d10	9.88	164	330395	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	571686	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	403644	20.00	ng		-0.02
87) Perylene-d12	15.47	264	345259	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	950103	104.39	ng		0.01
7) Phenol-d6	6.49	99	1213443	105.67	ng		0.00
23) Nitrobenzene-d5	7.41	82	799140	74.41	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	339555	106.00	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1395479	79.11	ng		-0.02
79) Terphenyl-d14	12.95	244	1528327	79.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	173234	37.676	ng		99
3) Pyridine	3.46	79	372145	28.974	ng		99
4) n-Nitrosodimethylamine	3.40	42	175643	34.652	ng		98
6) Aniline	6.51	93	454195	27.619	ng		98
8) 2-Chlorophenol	6.63	128	395569	39.304	ng		100
9) Benzaldehyde	6.39	77	139188	17.567	ng		97
10) Phenol	6.50	94	508857	37.630	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	384808	38.706	ng		98
12) 1,3-Dichlorobenzene	6.79	146	417507	35.895	ng		99
13) 1,4-Dichlorobenzene	6.86	146	426890	36.655	ng		97
14) 1,2-Dichlorobenzene	7.02	146	401815	37.470	ng		99
15) Benzyl Alcohol	6.99	79	337281	38.704	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	516226	38.068	ng		93
17) 2-Methylphenol	7.10	107	335669	39.389	ng		99
18) Hexachloroethane	7.36	117	158372	36.935	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	274381	38.559	ng		98
20) 3+4-Methylphenols	7.25	107	403976	40.058	ng	#	82
22) Acetophenone	7.25	105	541300	39.812	ng		98
24) Nitrobenzene	7.43	77	443260	38.223	ng		96
25) Isophorone	7.66	82	805071	39.202	ng		99
26) 2-Nitrophenol	7.74	139	219635	40.178	ng		96
27) 2,4-Dimethylphenol	7.78	122	358763	43.622	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	492006	38.653	ng		99
29) 2,4-Dichlorophenol	7.99	162	345978	39.842	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	373292	37.712	ng		99
31) Naphthalene	8.15	128	1154751	39.582	ng		100
32) Benzoic acid	7.92	122	217591	37.526	ng		99
33) 4-Chloroaniline	8.19	127	340812	26.146	ng		99
34) Hexachlorobutadiene	8.26	225	211502	37.095	ng		99
35) Caprolactam	8.57	113	104713m	37.284	ng		
36) 4-Chloro-3-methylphenol	8.68	107	357790	39.606	ng		95
37) 2-Methylnaphthalene	8.84	142	773207	40.243	ng		100
38) 1-Methylnaphthalene	8.94	142	719799	39.601	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	350979	39.736	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	205468	53.903	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	226906	37.322	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	243503	38.746	ng		99
46) 1,1'-Biphenyl	9.30	154	935033	40.086	ng		99
47) 2-Chloronaphthalene	9.33	162	724558	37.322	ng		98
48) 2-Nitroaniline	9.42	65	232157	36.178	ng		89
49) Acenaphthylene	9.74	152	1109760	39.182	ng		100
50) Dimethylphthalate	9.60	163	868095	38.589	ng		99
51) 2,6-Dinitrotoluene	9.66	165	192068	39.287	ng	#	87
52) Acenaphthene	9.92	154	663524	38.187	ng		99
53) 3-Nitroaniline	9.83	138	155974	25.820	ng		91
54) 2,4-Dinitrophenol	9.95	184	164907	67.656	ng		94
55) Dibenzofuran	10.09	168	992274	39.269	ng		98
56) 4-Nitrophenol	10.01	139	274772	71.006	ng		96
57) 2,4-Dinitrotoluene	10.07	165	250710	38.517	ng		98
58) Fluorene	10.43	166	765725	39.387	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212106	40.116	ng		98
60) Diethylphthalate	10.30	149	832598	39.642	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	385875	39.191	ng		99
62) 4-Nitroaniline	10.45	138	206718	33.113	ng		99
63) Azobenzene	10.58	77	853224	39.496	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	120931	39.917	ng		96
66) n-Nitrosodiphenylamine	10.54	169	689997	40.099	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	240835	39.353	ng		97
68) Hexachlorobenzene	10.98	284	266147	37.609	ng		98
69) Atrazine	11.06	200	215443	38.059	ng		99
70) Pentachlorophenol	11.17	266	247670	72.087	ng		98
71) Phenanthrene	11.39	178	1130830	38.693	ng		100
72) Anthracene	11.45	178	1167968	39.488	ng		99
73) Carbazole	11.60	167	1057746	39.418	ng		98
74) Di-n-butylphthalate	11.92	149	1304655	41.678	ng		100
75) Fluoranthene	12.58	202	1190571	38.912	ng		100
77) Benzidine	12.70	184	392408	28.776	ng		97
78) Pyrene	12.81	202	1205707	39.626	ng		100
80) Butylbenzylphthalate	13.42	149	553917	43.036	ng		99
81) Benzo(a)anthracene	14.00	228	998374	38.697	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	318090	35.488	ng	#	99
83) Chrysene	14.03	228	970267	38.737	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	788122	47.121	ng		100
85) Di-n-octyl phthalate	14.59	149	1248790	47.007	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	823394	39.140	ng		99
88) Benzo(b)fluoranthene	15.04	252	868051	43.482	ng		97
89) Benzo(k)fluoranthene	15.07	252	859860	44.221	ng		99
90) Benzo(a)pyrene	15.41	252	802634	44.976	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	694531	44.961	ng		98
92) Benzo(g,h,i)perylene	17.37	276	672486	44.328	ng		98

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

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