Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018530.D
Acq On : 11 Jan 2019 06:58
Operator : JU/SJ
Sample : PB116287BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116287BS

Manual Integrations APPROVED
Sohil
1/11/2019 4:41:16 PM

Quant Time: Jan 11 08:05:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	527300	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	2220484	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1333122	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2989593	20.00	ng		0.00
76) Chrysene-d12	21.35	240	2608630	20.00	ng		0.00
87) Perylene-d12	23.64	264	2314772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1846350	64.66	ng		0.00
7) Phenol-d6	6.94	99	2435475	67.15	ng		0.00
23) Nitrobenzene-d5	8.93	82	2189233	57.16	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	954915	56.26	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	5816782	56.93	ng		0.00
79) Terphenyl-d14	19.79	244	7340239	59.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	233131	20.030	ng		95
3) Pyridine	3.68	79	687862	23.705	ng		97
4) n-Nitrosodimethylamine	3.60	42	347175	28.933	ng	#	94
6) Aniline	7.10	93	567455	14.025	ng		99
8) 2-Chlorophenol	7.33	128	1049582	31.470	ng		95
9) Benzaldehyde	6.91	77	294502	11.635	ng		97
10) Phenol	6.96	94	1161470	31.513	ng		97
11) bis(2-Chloroethyl)ether	7.19	93	786892	27.171	ng		96
12) 1,3-Dichlorobenzene	7.65	146	1051041	26.462	ng		99
13) 1,4-Dichlorobenzene	7.79	146	1073757	26.672	ng		98
14) 1,2-Dichlorobenzene	8.11	146	1028122	26.933	ng		99
15) Benzyl Alcohol	8.00	79	825366	31.506	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	996904	26.936	ng		95
17) 2-Methylphenol	8.20	107	819037	32.738	ng		99
18) Hexachloroethane	8.83	117	369382	25.734	ng		95
19) n-Nitroso-di-n-propylamine	8.57	70	670290	28.397	ng		93
20) 3+4-Methylphenols	8.53	107	1135883	32.889	ng		97
22) Acetophenone	8.59	105	1370362	24.948	ng	#	97
24) Nitrobenzene	8.97	77	1011778	26.846	ng		97
25) Isophorone	9.49	82	1864471	32.145	ng		98
26) 2-Nitrophenol	9.67	139	473454	25.981	ng		94
27) 2,4-Dimethylphenol	9.73	122	960038	35.147	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	1155773	28.845	ng		99
29) 2,4-Dichlorophenol	10.20	162	1051355	32.324	ng		99
30) 1,2,4-Trichlorobenzene	10.41	180	1062840	26.327	ng		99
31) Naphthalene	10.60	128	3095230	28.944	ng		99
32) Benzoic acid	9.86	122	483820m	29.246	ng		
33) 4-Chloroaniline	10.73	127	442715	10.512	ng		99
34) Hexachlorobutadiene	10.87	225	637149	24.982	ng		98
35) Caprolactam	11.52	113	301071	27.226	ng		90
36) 4-Chloro-3-methylphenol	11.85	107	1062657	31.142	ng		99
37) 2-Methylnaphthalene	12.22	142	2365118	31.303	ng		99
38) 1-Methylnaphthalene	12.44	142	2240496	30.647	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1222834	26.231	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1026988	40.139	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	841497	29.725	ng		99
44) 2,4,5-Trichlorophenol	12.91	196	885031	29.725	ng		98
46) 1,1'-Biphenyl	13.24	154	3039071	26.108	ng		99
47) 2-Chloronaphthalene	13.28	162	2382591	26.396	ng		100
48) 2-Nitroaniline	13.50	65	651368	29.331	ng		94
49) Acenaphthylene	14.13	152	3850391	29.271	ng		99
50) Dimethylphthalate	13.87	163	3053846	27.893	ng		99
51) 2,6-Dinitrotoluene	14.00	165	635689	27.410	ng		92
52) Acenaphthene	14.47	154	2213355	27.500	ng		98
53) 3-Nitroaniline	14.33	138	493509	21.107	ng		96
54) 2,4-Dinitrophenol	14.53	184	176688	20.008	ng		91
55) Dibenzofuran	14.81	168	3586013	26.965	ng		100
56) 4-Nitrophenol	14.65	139	920392	45.567	ng		95
57) 2,4-Dinitrotoluene	14.78	165	866324	26.401	ng		99
58) Fluorene	15.46	166	2923909	29.515	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.03	232	747992	28.343	ng		97
60) Diethylphthalate	15.23	149	3140386	28.413	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	1512762	26.495	ng		99
62) 4-Nitroaniline	15.50	138	731772	28.694	ng		97
63) Azobenzene	15.75	77	2470681	27.417	ng		98
65) 4,6-Dinitro-2-methylphenol	15.54	198	162987	12.985	ng		89
66) n-Nitrosodiphenylamine	15.67	169	2586260	27.888	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	909874	27.197	ng		98
68) Hexachlorobenzene	16.45	284	999247	26.680	ng		99
69) Atrazine	16.63	200	960419	28.647	ng		98
70) Pentachlorophenol	16.80	266	979510	39.933	ng		99
71) Phenanthrene	17.20	178	4585613	28.837	ng		100
72) Anthracene	17.29	178	4662494	30.492	ng		100
73) Carbazole	17.57	167	4194869	26.702	ng		99
74) Di-n-butylphthalate	18.12	149	5250403	30.511	ng		99
75) Fluoranthene	19.22	202	5178652	28.247	ng		98
77) Benzidine	19.42	184	1361816	21.143	ng		99
78) Pyrene	19.59	202	5212007	33.707	ng		99
80) Butylbenzylphthalate	20.49	149	2337129	35.421	ng		98
81) Benzo(a)anthracene	21.34	228	4616551	30.040	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	1089472	18.748	ng		100
83) Chrysene	21.39	228	4266493	28.750	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	3315385	34.797	ng		99
85) Di-n-octyl phthalate	22.15	149	5420734	33.827	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.96	276	4306137	25.164	ng		96
88) Benzo(b)fluoranthene	22.94	252	4028380	30.654	ng		99
89) Benzo(k)fluoranthene	22.99	252	3938027	29.735	ng		99
90) Benzo(a)pyrene	23.54	252	3798817	30.195	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	3615562	28.362	ng		98
92) Benzo(g,h,i)perylene	26.67	276	3567136	28.755	ng		96

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

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