Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
Data File : BF116567.D
Acq On : 26 Aug 2019 11:51
Operator : HP/JU
Sample : PB122528BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122528BS

Manual Integrations APPROVED
Jagrut
8/27/2019 10:30:21 AM

Quant Time: Aug 27 03:23:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	130355	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	548065	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	292161	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	513055	20.00	ng		0.00
76) Chrysene-d12	14.04	240	353544	20.00	ng		0.00
87) Perylene-d12	15.50	264	295591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	800107	89.68	ng		0.02
7) Phenol-d6	6.52	99	1012180	92.53	ng		0.01
23) Nitrobenzene-d5	7.45	82	599413	59.84	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	272909	108.78	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1112468	61.32	ng		0.00
79) Terphenyl-d14	12.98	244	1184623	62.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	132458	34.291	ng		99
3) Pyridine	3.53	79	320690	27.262	ng		98
4) n-Nitrosodimethylamine	3.47	42	150356	35.014	ng		99
6) Aniline	6.55	93	393931	26.600	ng		98
8) 2-Chlorophenol	6.67	128	356427	38.071	ng		96
9) Benzaldehyde	6.43	77	257697	35.258	ng		94
10) Phenol	6.53	94	449309	37.824	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	336180	37.169	ng		99
12) 1,3-Dichlorobenzene	6.83	146	366148	36.133	ng		94
13) 1,4-Dichlorobenzene	6.90	146	380516	39.016	ng		98
14) 1,2-Dichlorobenzene	7.06	146	352962	38.364	ng		99
15) Benzyl Alcohol	7.02	79	325246	36.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418255	33.446	ng		98
17) 2-Methylphenol	7.13	107	299054	38.553	ng		99
18) Hexachloroethane	7.40	117	138890	36.515	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	256199	34.323	ng		100
20) 3+4-Methylphenols	7.29	107	372484	39.200	ng	#	83
22) Acetophenone	7.29	105	499476	36.446	ng	#	96
24) Nitrobenzene	7.46	77	394301	38.007	ng		99
25) Isophorone	7.70	82	705781	35.751	ng		97
26) 2-Nitrophenol	7.78	139	191412	50.512	ng		91
27) 2,4-Dimethylphenol	7.82	122	328444	41.540	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	431971	35.432	ng		100
29) 2,4-Dichlorophenol	8.02	162	301223	40.060	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	328822	38.844	ng		99
31) Naphthalene	8.19	128	1037366	39.127	ng		99
32) Benzoic acid	7.93	122	224922	44.497	ng		94
33) 4-Chloroaniline	8.23	127	267994	23.025	ng		99
34) Hexachlorobutadiene	8.31	225	180783	39.159	ng		99
35) Caprolactam	8.59	113	92256m	35.223	ng		
36) 4-Chloro-3-methylphenol	8.71	107	325231	38.334	ng		96
37) 2-Methylnaphthalene	8.87	142	705407	38.750	ng		100
38) 1-Methylnaphthalene	8.97	142	653783	38.446	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	303883	38.660	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	335250	79.272	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	218474	39.713	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	222495	39.748	ng		94
46) 1,1'-Biphenyl	9.34	154	869483	37.223	ng		100
47) 2-Chloronaphthalene	9.36	162	659792	36.435	ng		98
48) 2-Nitroaniline	9.45	65	209180	37.726	ng		97
49) Acenaphthylene	9.78	152	1023402	38.627	ng		98
50) Dimethylphthalate	9.64	163	770875	37.817	ng		99
51) 2,6-Dinitrotoluene	9.69	165	174559	41.837	ng		93
52) Acenaphthene	9.95	154	710203	41.775	ng		100
53) 3-Nitroaniline	9.86	138	133772	26.897	ng		90
54) 2,4-Dinitrophenol	9.97	184	154810	93.207	ng	#	1
55) Dibenzofuran	10.13	168	908649	38.342	ng		98
56) 4-Nitrophenol	10.02	139	298548	77.231	ng		97
57) 2,4-Dinitrotoluene	10.10	165	233188	43.922	ng		98
58) Fluorene	10.47	166	700675	38.055	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	192440	41.870	ng		95
60) Diethylphthalate	10.34	149	754986	37.683	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	339923	37.843	ng		97
62) 4-Nitroaniline	10.48	138	190960	39.259	ng		93
63) Azobenzene	10.62	77	760767	36.931	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	112314	52.601	ng		80
66) n-Nitrosodiphenylamine	10.57	169	631027	37.985	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	205612	38.226	ng		93
68) Hexachlorobenzene	11.02	284	219841	36.953	ng	#	91
69) Atrazine	11.10	200	189217	38.015	ng		98
70) Pentachlorophenol	11.21	266	270684	77.985	ng		99
71) Phenanthrene	11.43	178	1062407	38.012	ng		99
72) Anthracene	11.48	178	1073461	38.222	ng		100
73) Carbazole	11.63	167	951620	37.748	ng		100
74) Di-n-butylphthalate	11.96	149	1182355	37.849	ng		100
75) Fluoranthene	12.61	202	1082741	37.471	ng		98
77) Benzidine	12.73	184	374241	26.310	ng		98
78) Pyrene	12.84	202	1102476	38.994	ng		99
80) Butylbenzylphthalate	13.46	149	491931	40.288	ng		99
81) Benzo(a)anthracene	14.03	228	859407	37.532	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	271178	33.233	ng		98
83) Chrysene	14.06	228	867343	37.372	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	662981	40.719	ng		99
85) Di-n-octyl phthalate	14.63	149	1073051	38.820	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	668503	33.626	ng		98
88) Benzo(b)fluoranthene	15.07	252	821894	45.010	ng		98
89) Benzo(k)fluoranthene	15.10	252	697735	42.178	ng		99
90) Benzo(a)pyrene	15.44	252	698991	43.312	ng		97
91) Dibenzo(a,h)anthracene	16.99	278	565986	42.680	ng		98
92) Benzo(g,h,i)perylene	17.42	276	551477	43.621	ng		97

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

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