Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018884.D
Acq On : 20 Feb 2019 15:05
Operator : JU/SJ
Sample : PB117235BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Manual Integrations APPROVED
Sohil
2/21/2019 10:08:48 AM

Quant Time: Feb 20 16:26:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	252268	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1089163	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	647384	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1468653	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1591779	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1459215	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1222546	79.40	ng		-0.01
7) Phenol-d6	6.88	99	1788074	82.44	ng		-0.01
23) Nitrobenzene-d5	8.87	82	1931539	82.00	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	773924	82.93	ng		-0.01
45) 2-Fluorobiphenyl	12.97	172	3896761	79.90	ng		-0.01
79) Terphenyl-d14	19.74	244	7167296	92.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	266449	39.734	ng		98
3) Pyridine	3.65	79	834819	45.639	ng		99
4) n-Nitrosodimethylamine	3.57	42	237168	50.967	ng		92
6) Aniline	7.05	93	1228217	46.216	ng		100
8) 2-Chlorophenol	7.26	128	741367	43.857	ng		98
9) Benzaldehyde	6.86	77	478168	40.465	ng		96
10) Phenol	6.90	94	1010591	44.281	ng		100
11) bis(2-Chloroethyl)ether	7.14	93	740612	42.542	ng		99
12) 1,3-Dichlorobenzene	7.59	146	799157	42.044	ng		99
13) 1,4-Dichlorobenzene	7.73	146	814069	42.069	ng		99
14) 1,2-Dichlorobenzene	8.05	146	782221	42.083	ng		99
15) Benzyl Alcohol	7.95	79	771511	44.766	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	733971	43.560	ng		97
17) 2-Methylphenol	8.15	107	655872	45.153	ng		98
18) Hexachloroethane	8.76	117	298525	42.261	ng		97
19) n-Nitroso-di-n-propylamine	8.51	70	744051	44.305	ng		99
20) 3+4-Methylphenols	8.48	107	895196	44.631	ng		98
22) Acetophenone	8.53	105	1222744	40.880	ng	#	98
24) Nitrobenzene	8.91	77	1045032	42.741	ng		100
25) Isophorone	9.43	82	1873575	49.849	ng		99
26) 2-Nitrophenol	9.62	139	416149	42.739	ng		100
27) 2,4-Dimethylphenol	9.67	122	696824	48.998	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	1066679	43.888	ng		99
29) 2,4-Dichlorophenol	10.14	162	712468	43.630	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	770816	40.874	ng		98
31) Naphthalene	10.54	128	2395128	45.090	ng		100
32) Benzoic acid	9.83	122	467468	37.682	ng		97
33) 4-Chloroaniline	10.66	127	1055718	44.460	ng		100
34) Hexachlorobutadiene	10.80	225	417090	38.103	ng		99
35) Caprolactam	11.48	113	254178m	38.140	ng		
36) 4-Chloro-3-methylphenol	11.79	107	869749	44.176	ng		100
37) 2-Methylnaphthalene	12.16	142	1774766	47.455	ng		99
38) 1-Methylnaphthalene	12.38	142	1686826	46.124	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	833751	40.260	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	974426	92.031	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	591699	43.160	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	627805	43.690	ng	98
46) 1,1'-Biphenyl	13.18	154	2260833	40.571	ng	99
47) 2-Chloronaphthalene	13.22	162	1785109	41.474	ng	99
48) 2-Nitroaniline	13.45	65	639642	44.746	ng	99
49) Acenaphthylene	14.07	152	2938361	45.848	ng	99
50) Dimethylphthalate	13.82	163	2291584	42.474	ng	100
51) 2,6-Dinitrotoluene	13.95	165	509880	43.627	ng	99
52) Acenaphthene	14.42	154	1668600	42.460	ng	99
53) 3-Nitroaniline	14.28	138	535518	40.553	ng	99
54) 2,4-Dinitrophenol	14.49	184	472063	64.832	ng	98
55) Dibenzofuran	14.75	168	2745734	42.509	ng	100
56) 4-Nitrophenol	14.59	139	848050	80.448	ng	100
57) 2,4-Dinitrotoluene	14.73	165	722404	44.862	ng	97
58) Fluorene	15.40	166	2256195	45.658	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	580522	45.706	ng	99
60) Diethylphthalate	15.18	149	2362445	42.448	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1109689	40.052	ng	98
62) 4-Nitroaniline	15.45	138	528570	40.828	ng	99
63) Azobenzene	15.69	77	2582235	43.273	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	362462	35.151	ng	97
66) n-Nitrosodiphenylamine	15.62	169	1961601	42.275	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	658428	40.053	ng	96
68) Hexachlorobenzene	16.40	284	776537	40.640	ng	98
69) Atrazine	16.57	200	647735	43.301	ng	97
70) Pentachlorophenol	16.75	266	991633	80.600	ng	99
71) Phenanthrene	17.15	178	3547265	44.943	ng	100
72) Anthracene	17.24	178	3633571	47.298	ng	100
73) Carbazole	17.52	167	3300631	41.124	ng	100
74) Di-n-butylphthalate	18.07	149	4098708	44.403	ng	100
75) Fluoranthene	19.17	202	4144837	45.462	ng	99
77) Benzidine	19.37	184	3819358	106.540	ng	100
78) Pyrene	19.53	202	4260696	46.087	ng	100
80) Butylbenzylphthalate	20.43	149	1999531	47.458	ng	98
81) Benzo(a)anthracene	21.28	228	4170348	44.945	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1549246	42.247	ng	100
83) Chrysene	21.34	228	3929612	44.185	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2920399	47.359	ng	99
85) Di-n-octyl phthalate	22.09	149	5022751	48.462	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3910829	38.087	ng	100
88) Benzo(b)fluoranthene	22.87	252	3945620	47.260	ng	100
89) Benzo(k)fluoranthene	22.92	252	3980605	47.892	ng	99
90) Benzo(a)pyrene	23.45	252	3724038	47.086	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3373830	43.057	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3071663	42.107	ng	99

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

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