Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018885.D
Acq On : 20 Feb 2019 16:02
Operator : JU/SJ
Sample : PB117235BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Manual Integrations APPROVED
Sohil
2/21/2019 10:08:50 AM

Quant Time: Feb 21 00:57:31 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	246994	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1045718	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	620642	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1414210	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1572349	20.00	ng	0.00
87) Perylene-d12	23.56	264	1480522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1206606	80.04	ng	-0.01
7) Phenol-d6	6.88	99	1751335	82.47	ng	0.00
23) Nitrobenzene-d5	8.87	82	1868001	82.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	737484	82.43	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3740207	80.00	ng	-0.01
79) Terphenyl-d14	19.74	244	6931549	90.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	263053	40.065	ng	99
3) Pyridine	3.65	79	822663	45.935	ng	99
4) n-Nitrosodimethylamine	3.57	42	236690	51.951	ng	94
6) Aniline	7.05	93	1193327	45.862	ng	99
8) 2-Chlorophenol	7.27	128	727310	43.945	ng	98
9) Benzaldehyde	6.86	77	464620	40.047	ng	99
10) Phenol	6.90	94	988154	44.223	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	720370	42.262	ng	99
12) 1,3-Dichlorobenzene	7.59	146	768448	41.291	ng	99
13) 1,4-Dichlorobenzene	7.74	146	791913	41.798	ng	99
14) 1,2-Dichlorobenzene	8.05	146	767357	42.165	ng	98
15) Benzyl Alcohol	7.95	79	748548	44.361	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	721516	43.735	ng	98
17) 2-Methylphenol	8.15	107	636181	44.733	ng	97
18) Hexachloroethane	8.76	117	292303	42.264	ng	97
19) n-Nitroso-di-n-propylamine	8.51	70	710519	43.211	ng	99
20) 3+4-Methylphenols	8.47	107	877737	44.695	ng	99
22) Acetophenone	8.53	105	1187628	41.356	ng	99
24) Nitrobenzene	8.92	77	1004313	42.782	ng	99
25) Isophorone	9.43	82	1789058	49.578	ng	100
26) 2-Nitrophenol	9.62	139	405121	43.335	ng	99
27) 2,4-Dimethylphenol	9.67	122	666487	48.812	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1024063	43.885	ng	100
29) 2,4-Dichlorophenol	10.14	162	688821	43.935	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	743725	41.076	ng	98
31) Naphthalene	10.54	128	2313867	45.369	ng	100
32) Benzoic acid	9.83	122	468060	39.297	ng	94
33) 4-Chloroaniline	10.67	127	1018878	44.692	ng	99
34) Hexachlorobutadiene	10.80	225	400639	38.121	ng	99
35) Caprolactam	11.48	113	242836m	37.952	ng	
36) 4-Chloro-3-methylphenol	11.79	107	833249	44.080	ng	100
37) 2-Methylnaphthalene	12.16	142	1707740	47.559	ng	100
38) 1-Methylnaphthalene	12.38	142	1618705	46.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	800694	40.330	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	928807	91.502	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	564576	42.956	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	602442	43.732	ng	97
46) 1,1'-Biphenyl	13.18	154	2170543	40.629	ng	99
47) 2-Chloronaphthalene	13.22	162	1703991	41.295	ng	99
48) 2-Nitroaniline	13.44	65	613176	44.743	ng	96
49) Acenaphthylene	14.07	152	2806631	45.679	ng	99
50) Dimethylphthalate	13.82	163	2175820	42.066	ng	100
51) 2,6-Dinitrotoluene	13.94	165	487773	43.533	ng	97
52) Acenaphthene	14.42	154	1595285	42.343	ng	100
53) 3-Nitroaniline	14.28	138	522738	41.291	ng	96
54) 2,4-Dinitrophenol	14.49	184	473644	67.584	ng	99
55) Dibenzofuran	14.76	168	2624960	42.390	ng	99
56) 4-Nitrophenol	14.59	139	834147	82.538	ng	99
57) 2,4-Dinitrotoluene	14.74	165	691937	44.821	ng	98
58) Fluorene	15.40	166	2150739	45.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	551896	45.324	ng	98
60) Diethylphthalate	15.19	149	2256349	42.289	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1055999	39.757	ng	97
62) 4-Nitroaniline	15.45	138	507713	40.907	ng	98
63) Azobenzene	15.69	77	2453588	42.889	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	355696	35.823	ng	97
66) n-Nitrosodiphenylamine	15.62	169	1870941	41.874	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	625183	39.494	ng	98
68) Hexachlorobenzene	16.40	284	735450	39.971	ng	99
69) Atrazine	16.58	200	620770	43.096	ng	100
70) Pentachlorophenol	16.75	266	955333	80.639	ng	99
71) Phenanthrene	17.15	178	3400919	44.748	ng	100
72) Anthracene	17.24	178	3489312	47.169	ng	100
73) Carbazole	17.52	167	3177052	41.108	ng	100
74) Di-n-butylphthalate	18.07	149	3946361	44.399	ng	100
75) Fluoranthene	19.17	202	4023056	45.825	ng	98
77) Benzidine	19.37	184	3869262	109.266	ng	100
78) Pyrene	19.53	202	4154151	45.490	ng	100
80) Butylbenzylphthalate	20.44	149	1940249	46.620	ng	100
81) Benzo(a)anthracene	21.29	228	4169663	45.493	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1546714	42.699	ng	100
83) Chrysene	21.34	228	3863580	43.979	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	2819086	46.280	ng	99
85) Di-n-octyl phthalate	22.09	149	4874479	47.613	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4055860	39.988	ng	99
88) Benzo(b)fluoranthene	22.88	252	3991571	47.122	ng	99
89) Benzo(k)fluoranthene	22.92	252	4060755	48.153	ng	99
90) Benzo(a)pyrene	23.46	252	3778310	47.085	ng	99
91) Dibenzo(a,h)anthracene	25.86	278	3502159	44.052	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3230308	43.645	ng	99

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

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