Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018837.D
Acq On : 18 Feb 2019 14:23
Operator : JU/SJ
Sample : K1501-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CH-021419MS

Manual Integrations APPROVED
Sohil
2/19/2019 10:03:03 AM

Quant Time: Feb 18 15:36:04 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	298639	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1257025	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	732964	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1684475	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1801584	20.00	ng	0.00
87) Perylene-d12	23.56	264	1550844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2916911	160.04	ng	0.00
7) Phenol-d6	6.89	99	4186292	163.04	ng	0.00
23) Nitrobenzene-d5	8.87	82	2727621	100.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1601496	151.58	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4625342	83.77	ng	0.00
79) Terphenyl-d14	19.74	244	7702845	88.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	329034	41.448	ng	98
3) Pyridine	3.65	79	925858	42.757	ng	100
4) n-Nitrosodimethylamine	3.57	42	337386	61.246	ng	93
6) Aniline	7.05	93	1705580	54.213	ng	100
8) 2-Chlorophenol	7.27	128	1088498	54.394	ng	98
9) Benzaldehyde	6.86	77	587233	42.562	ng	98
10) Phenol	6.92	94	1639122	60.670	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1059121	51.391	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1090963	48.484	ng	99
13) 1,4-Dichlorobenzene	7.74	146	1120117	48.897	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1087789	49.436	ng	98
15) Benzyl Alcohol	7.96	79	1118917	54.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1026799	51.477	ng	98
17) 2-Methylphenol	8.15	107	960695	55.869	ng	98
18) Hexachloroethane	8.77	117	424781	50.797	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	1037318	52.177	ng	99
20) 3+4-Methylphenols	8.48	107	1318343	55.522	ng	99
22) Acetophenone	8.54	105	1700906	49.273	ng	99
24) Nitrobenzene	8.92	77	1454940	51.559	ng	99
25) Isophorone	9.44	82	2597034	59.871	ng	100
26) 2-Nitrophenol	9.62	139	593267	52.792	ng	99
27) 2,4-Dimethylphenol	9.67	122	1009051	61.477	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1505013	53.654	ng	100
29) 2,4-Dichlorophenol	10.15	162	1042653	55.324	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1070637	49.191	ng	99
31) Naphthalene	10.55	128	3322004	54.187	ng	99
32) Benzoic acid	9.84	122	537708	37.556	ng	96
33) 4-Chloroaniline	10.67	127	1169662	42.681	ng	100
34) Hexachlorobutadiene	10.81	225	580765	45.971	ng	99
35) Caprolactam	11.50	113	361475m	46.997	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1253409	55.161	ng	100
37) 2-Methylnaphthalene	12.16	142	2477985	57.410	ng	99
38) 1-Methylnaphthalene	12.39	142	2360611	55.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1161365	49.532	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1366943	114.029 ng	98
43) 2,4,6-Trichlorophenol	12.78	196	841098	54.188 ng	98
44) 2,4,5-Trichlorophenol	12.85	196	912084	56.063 ng	98
46) 1,1'-Biphenyl	13.19	154	3166951	50.196 ng	100
47) 2-Chloronaphthalene	13.23	162	2446984	50.214 ng	98
48) 2-Nitroaniline	13.45	65	916156	56.606 ng	99
49) Acenaphthylene	14.08	152	4054930	55.883 ng	99
50) Dimethylphthalate	13.83	163	3467756	56.769 ng	99
51) 2,6-Dinitrotoluene	13.95	165	713904	53.951 ng	97
52) Acenaphthene	14.42	154	2339248	52.575 ng	99
53) 3-Nitroaniline	14.29	138	649211	43.422 ng	98
54) 2,4-Dinitrophenol	14.50	184	832962	97.822 ng	96
55) Dibenzofuran	14.76	168	3808067	52.072 ng	100
56) 4-Nitrophenol	14.60	139	1278882	107.152 ng	99
57) 2,4-Dinitrotoluene	14.74	165	1024206	56.177 ng	98
58) Fluorene	15.41	166	3152057	56.339 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	837043	58.208 ng	99
60) Diethylphthalate	15.19	149	3349356	53.154 ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1565249	49.898 ng	98
62) 4-Nitroaniline	15.46	138	758878	51.774 ng	100
63) Azobenzene	15.70	77	3629010	53.714 ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	576074	48.709 ng	98
66) n-Nitrosodiphenylamine	15.63	169	2747497	51.626 ng	100
67) 4-Bromophenyl-phenylether	16.30	248	926369	49.132 ng	99
68) Hexachlorobenzene	16.40	284	1084888	49.502 ng	99
69) Atrazine	16.59	200	904494	52.718 ng	100
70) Pentachlorophenol	16.76	266	1464379	103.775 ng	99
71) Phenanthrene	17.15	178	4993338	55.159 ng	100
72) Anthracene	17.24	178	5137221	58.303 ng	99
73) Carbazole	17.52	167	4744325	51.537 ng	99
74) Di-n-butylphthalate	18.07	149	5992343	56.601 ng	100
75) Fluoranthene	19.17	202	5949664	56.897 ng	98
77) Benzidine	19.37	184	3978434	98.053 ng	100
78) Pyrene	19.54	202	6089583	58.199 ng	99
80) Butylbenzylphthalate	20.44	149	2978306	62.457 ng	98
81) Benzo(a)anthracene	21.29	228	5932136	56.487 ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1902885	45.848 ng	99
83) Chrysene	21.34	228	5503980	54.680 ng	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	4283356	61.372 ng	100
85) Di-n-octyl phthalate	22.09	149	7156148	61.006 ng	99
86) Indeno(1,2,3-cd)pyrene	25.86	276	5102064	43.902 ng	99
88) Benzo(b)fluoranthene	22.88	252	5404179	60.906 ng	99
89) Benzo(k)fluoranthene	22.93	252	5253380	59.470 ng	99
90) Benzo(a)pyrene	23.46	252	4938797	58.756 ng	98
91) Dibenzo(a,h)anthracene	25.86	278	4364463	52.409 ng	98
92) Benzo(g,h,i)perylene	26.56	276	4015984	51.800 ng	99

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

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