Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018863.D
Acq On : 19 Feb 2019 19:00
Operator : JU/SJ
Sample : K1518-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-1

Manual Integrations APPROVED
Sohil
2/20/2019 10:18:39 AM

Quant Time: Feb 20 02:59:36 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	265973	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1129217	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	645401	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1468346	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1449181	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1194651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2364094	145.64	ng	0.00
7) Phenol-d6	6.88	99	2975876	130.13	ng	0.00
23) Nitrobenzene-d5	8.87	82	2449550	100.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1456750	156.58	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4521085	92.99	ng	-0.01
79) Terphenyl-d14	19.74	244	7929116	112.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	265697	37.580	ng	# 53
3) Pyridine	3.66	79	611874	31.727	ng	99
4) n-Nitrosodimethylamine	3.57	42	260549	53.107	ng	88
6) Aniline	7.05	93	649209	23.170	ng	99
8) 2-Chlorophenol	7.27	128	877269	49.223	ng	97
9) Benzaldehyde	6.86	77	704460	67.502	ng	98
10) Phenol	6.91	94	1012520	42.080	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	861462	46.933	ng	100
12) 1,3-Dichlorobenzene	7.59	146	905063	45.162	ng	99
13) 1,4-Dichlorobenzene	7.74	146	930536	45.610	ng	100
14) 1,2-Dichlorobenzene	8.05	146	899938	45.922	ng	99
15) Benzyl Alcohol	7.96	79	881239	48.498	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	852300	47.977	ng	99
17) 2-Methylphenol	8.15	107	750655	49.015	ng	99
18) Hexachloroethane	8.77	117	349614	46.943	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	849247	47.963	ng	98
20) 3+4-Methylphenols	8.48	107	1008790	47.703	ng	98
22) Acetophenone	8.53	105	1402849	45.238	ng	# 98
24) Nitrobenzene	8.92	77	1211961	47.810	ng	99
25) Isophorone	9.43	82	2160091	55.434	ng	99
26) 2-Nitrophenol	9.62	139	478888	47.438	ng	97
27) 2,4-Dimethylphenol	9.67	122	795912	53.980	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	1232748	48.922	ng	99
29) 2,4-Dichlorophenol	10.15	162	841811	49.722	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	881748	45.098	ng	98
31) Naphthalene	10.54	128	2789609	50.653	ng	100
32) Benzoic acid	9.77	122	79715	6.198	ng	95
33) 4-Chloroaniline	10.67	127	152854	6.209	ng	99
34) Hexachlorobutadiene	10.80	225	479732	42.272	ng	99
35) Caprolactam	11.49	113	183884m	26.613	ng	
36) 4-Chloro-3-methylphenol	11.79	107	1006096	49.289	ng	100
37) 2-Methylnaphthalene	12.16	142	2027673	52.294	ng	99
38) 1-Methylnaphthalene	12.38	142	1916830	50.554	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	937502	45.409	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1042704	98.782	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	673342	49.266	ng	100
44) 2,4,5-Trichlorophenol	12.84	196	715573	49.951	ng	96
46) 1,1'-Biphenyl	13.18	154	2557523	46.036	ng	99
47) 2-Chloronaphthalene	13.23	162	1998066	46.564	ng	99
48) 2-Nitroaniline	13.45	65	731177	51.306	ng	99
49) Acenaphthylene	14.07	152	3308966	51.789	ng	100
50) Dimethylphthalate	13.82	163	2644138	49.159	ng	99
51) 2,6-Dinitrotoluene	13.95	165	576115	49.445	ng	100
52) Acenaphthene	14.42	154	1899040	48.472	ng	99
53) 3-Nitroaniline	14.28	138	274541	20.854	ng	94
54) 2,4-Dinitrophenol	14.49	184	186111	29.122	ng	97
55) Dibenzofuran	14.76	168	3113093	48.344	ng	99
56) 4-Nitrophenol	14.59	139	774887	73.733	ng	96
57) 2,4-Dinitrotoluene	14.74	165	815688	50.810	ng	97
58) Fluorene	15.40	166	2559044	51.946	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	645594	50.985	ng	97
60) Diethylphthalate	15.19	149	2712762	48.892	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1257529	45.528	ng	99
62) 4-Nitroaniline	15.45	138	541398	41.948	ng	97
63) Azobenzene	15.70	77	2971683	49.952	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	215020	20.857	ng	97
66) n-Nitrosodiphenylamine	15.62	169	2219477	47.843	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	745141	45.337	ng	98
68) Hexachlorobenzene	16.40	284	875035	45.804	ng	99
69) Atrazine	16.58	200	739795	49.465	ng	98
70) Pentachlorophenol	16.75	266	979468	79.628	ng	99
71) Phenanthrene	17.15	178	4012114	50.843	ng	100
72) Anthracene	17.24	178	4059587	52.855	ng	100
73) Carbazole	17.52	167	3744719	46.666	ng	100
74) Di-n-butylphthalate	18.07	149	4710493	51.042	ng	99
75) Fluoranthene	19.17	202	4603414	50.502	ng	98
77) Benzidine	19.37	184	1002773	30.724	ng	99
78) Pyrene	19.53	202	4737108	56.282	ng	99
80) Butylbenzylphthalate	20.44	149	2284992	59.570	ng	99
81) Benzo(a)anthracene	21.29	228	4408177	52.183	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	811213	24.298	ng	99
83) Chrysene	21.34	228	4118129	50.861	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3283897	58.493	ng	99
85) Di-n-octyl phthalate	22.09	149	5479992	58.077	ng	99
86) Indeno(1,2,3-cd)pyrene	25.84	276	3758562	40.206	ng	99
88) Benzo(b)fluoranthene	22.87	252	3925057	57.425	ng	100
89) Benzo(k)fluoranthene	22.92	252	3674361	53.997	ng	100
90) Benzo(a)pyrene	23.46	252	3479878	53.743	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	3217253	50.152	ng	99
92) Benzo(g,h,i)perylene	26.54	276	2989971	50.064	ng	99

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

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