Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
Data File : BM018898.D
Acq On : 21 Feb 2019 16:32
Operator : JU/SJ
Sample : K1538-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-11-A-DMSD

Manual Integrations APPROVED
Sohil
2/22/2019 9:32:42 AM

Quant Time: Feb 22 03:34:27 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	290670	20.00	ng		-0.02
21) Naphthalene-d8	10.49	136	1238245	20.00	ng		-0.02
39) Acenaphthene-d10	14.35	164	706015	20.00	ng		-0.01
64) Phenanthrene-d10	17.10	188	1605199	20.00	ng		-0.01
76) Chrysene-d12	21.30	240	1663003	20.00	ng		-0.01
87) Perylene-d12	23.55	264	1454063	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2302409	129.78	ng		-0.01
7) Phenol-d6	6.87	99	3327654	133.15	ng		-0.01
23) Nitrobenzene-d5	8.87	82	2131187	79.58	ng		-0.02
42) 2,4,6-Tribromophenol	15.85	330	1256945	123.51	ng		-0.01
45) 2-Fluorobiphenyl	12.96	172	3965943	74.57	ng		-0.02
79) Terphenyl-d14	19.73	244	6131247	76.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	251245	32.516	ng		99
3) Pyridine	3.64	79	771831	36.621	ng		100
4) n-Nitrosodimethylamine	3.56	42	255434	47.640	ng		94
6) Aniline	7.04	93	1266494	41.360	ng		99
8) 2-Chlorophenol	7.26	128	842293	43.245	ng		98
9) Benzaldehyde	6.86	77	422110	28.533	ng		100
10) Phenol	6.90	94	1207938	45.936	ng		99
11) bis(2-Chloroethyl)ether	7.14	93	800959	39.930	ng		99
12) 1,3-Dichlorobenzene	7.58	146	839818	38.346	ng		99
13) 1,4-Dichlorobenzene	7.73	146	858525	38.505	ng		100
14) 1,2-Dichlorobenzene	8.05	146	836826	39.073	ng		99
15) Benzyl Alcohol	7.95	79	851940	42.902	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	787864	40.581	ng		98
17) 2-Methylphenol	8.14	107	735001	43.916	ng		98
18) Hexachloroethane	8.76	117	315608	38.776	ng		96
19) n-Nitroso-di-n-propylamine	8.51	70	778928	40.254	ng		99
20) 3+4-Methylphenols	8.47	107	1011296	43.758	ng		98
22) Acetophenone	8.53	105	1295196	38.089	ng	#	98
24) Nitrobenzene	8.91	77	1113102	40.044	ng		100
25) Isophorone	9.43	82	1947564	45.579	ng		100
26) 2-Nitrophenol	9.61	139	452079	40.839	ng		98
27) 2,4-Dimethylphenol	9.67	122	763685	47.234	ng		99
28) bis(2-Chloroethoxy)methane	9.91	93	1136979	41.148	ng		99
29) 2,4-Dichlorophenol	10.14	162	790852	42.599	ng		100
30) 1,2,4-Trichlorobenzene	10.35	180	821306	38.308	ng		99
31) Naphthalene	10.53	128	2536487	42.002	ng		99
32) Benzoic acid	9.82	122	372214	26.391	ng		96
33) 4-Chloroaniline	10.66	127	838294	31.053	ng		99
34) Hexachlorobutadiene	10.80	225	439882	35.347	ng		98
35) Caprolactam	11.48	113	259994m	34.315	ng		
36) 4-Chloro-3-methylphenol	11.79	107	932623	41.666	ng		98
37) 2-Methylnaphthalene	12.15	142	1885948	44.356	ng		99
38) 1-Methylnaphthalene	12.37	142	1781917	42.858	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	874147	38.705	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	948110	82.109 ng	99
43) 2,4,6-Trichlorophenol	12.77	196	639068	42.744 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	672600	42.921 ng	99
46) 1,1'-Biphenyl	13.17	154	2382641	39.206 ng	99
47) 2-Chloronaphthalene	13.22	162	1867611	39.788 ng	99
48) 2-Nitroaniline	13.45	65	669271	42.931 ng	99
49) Acenaphthylene	14.07	152	3063566	43.832 ng	99
50) Dimethylphthalate	13.82	163	2632593	44.742 ng	99
51) 2,6-Dinitrotoluene	13.95	165	531448	41.696 ng	99
52) Acenaphthene	14.42	154	1748667	40.802 ng	100
53) 3-Nitroaniline	14.28	138	464553	32.257 ng	98
54) 2,4-Dinitrophenol	14.49	184	525961	66.111 ng	99
55) Dibenzofuran	14.75	168	2872816	40.783 ng	99
56) 4-Nitrophenol	14.59	139	897558	78.073 ng	99
57) 2,4-Dinitrotoluene	14.73	165	752489	42.849 ng	98
58) Fluorene	15.40	166	2351838	43.641 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.97	232	603455	43.566 ng	98
60) Diethylphthalate	15.18	149	2447923	40.331 ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1148702	38.017 ng	98
62) 4-Nitroaniline	15.45	138	540704	38.297 ng	99
63) Azobenzene	15.69	77	2679021	41.166 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	392440	34.821 ng	99
66) n-Nitrosodiphenylamine	15.62	169	2033018	40.087 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	682803	38.002 ng	98
68) Hexachlorobenzene	16.40	284	797558	38.189 ng	97
69) Atrazine	16.57	200	659348	40.328 ng	99
70) Pentachlorophenol	16.75	266	1039752	77.322 ng	99
71) Phenanthrene	17.14	178	3668179	42.522 ng	100
72) Anthracene	17.23	178	3752780	44.695 ng	99
73) Carbazole	17.52	167	3414285	38.921 ng	99
74) Di-n-butylphthalate	18.07	149	4348532	43.103 ng	100
75) Fluoranthene	19.17	202	4256766	42.718 ng	99
77) Benzidine	19.37	184	2625407	70.098 ng	100
78) Pyrene	19.53	202	4393048	45.484 ng	100
80) Butylbenzylphthalate	20.43	149	2116271	48.078 ng	99
81) Benzo(a)anthracene	21.28	228	4201954	43.346 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1345131	35.110 ng	100
83) Chrysene	21.33	228	3878697	41.745 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3086421	47.907 ng	100
85) Di-n-octyl phthalate	22.09	149	5285259	48.811 ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3694880	34.443 ng	100
88) Benzo(b)fluoranthene	22.87	252	3780355	45.441 ng	99
89) Benzo(k)fluoranthene	22.91	252	3779715	45.636 ng	99
90) Benzo(a)pyrene	23.45	252	3481423	44.175 ng	98
91) Dibenzo(a,h)anthracene	25.84	278	3178795	40.712 ng	99
92) Benzo(g,h,i)perylene	26.53	276	2915443	40.107 ng	100

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

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