Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019146.D
Acq On : 13 Mar 2019 15:14
Operator : JU/SJ
Sample : K1824-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-24MS

Manual Integrations APPROVED
Sohil
3/14/2019 3:37:58 PM

Quant Time: Mar 14 07:20:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	207713	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	944673	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	622990	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1476732	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1550937	20.00	ng	0.00
87) Perylene-d12	23.50	264	1369512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1270159	99.03	ng	0.00
7) Phenol-d6	6.85	99	1946454	103.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1185522	59.32	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	899178	97.76	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2493675	52.07	ng	0.00
79) Terphenyl-d14	19.70	244	4459572	57.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	134320	23.541	ng	99
3) Pyridine	3.63	79	139564	8.991	ng	97
4) n-Nitrosodimethylamine	3.54	42	123133	25.515	ng	96
6) Aniline	7.00	93	307588	12.699	ng	98
8) 2-Chlorophenol	7.23	128	454110	29.463	ng	99
9) Benzaldehyde	6.82	77	213042	18.054	ng	97
10) Phenol	6.87	94	662238	32.754	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	415330	26.920	ng	97
12) 1,3-Dichlorobenzene	7.55	146	423590	25.970	ng	99
13) 1,4-Dichlorobenzene	7.69	146	434525	26.130	ng	99
14) 1,2-Dichlorobenzene	8.00	146	427904	26.449	ng	99
15) Benzyl Alcohol	7.92	79	455968	29.366	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	413242	26.232	ng	99
17) 2-Methylphenol	8.10	107	415595	31.543	ng	99
18) Hexachloroethane	8.72	117	154907	25.069	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	422547	27.454	ng	99
20) 3+4-Methylphenols	8.43	107	576294	32.224	ng	99
22) Acetophenone	8.49	105	688836	26.385	ng	100
24) Nitrobenzene	8.87	77	579373	27.876	ng	99
25) Isophorone	9.39	82	1091894	28.633	ng	100
26) 2-Nitrophenol	9.57	139	244352	28.363	ng	99
27) 2,4-Dimethylphenol	9.63	122	450642	35.185	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	643249	28.488	ng	99
29) 2,4-Dichlorophenol	10.10	162	469416	33.092	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	435513	27.228	ng	99
31) Naphthalene	10.49	128	1371281	27.541	ng	99
32) Benzoic acid	9.76	122	115224m	10.623	ng	
33) 4-Chloroaniline	10.63	127	247020	12.102	ng	98
34) Hexachlorobutadiene	10.76	225	234441	25.541	ng	99
35) Caprolactam	11.45	113	157226m	31.115	ng	
36) 4-Chloro-3-methylphenol	11.75	107	582621	33.288	ng	99
37) 2-Methylnaphthalene	12.11	142	1060971	29.323	ng	99
38) 1-Methylnaphthalene	12.33	142	1020210	28.607	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	504655	25.608	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	509977	57.131 ng	98
43) 2,4,6-Trichlorophenol	12.74	196	399496	31.369 ng	98
44) 2,4,5-Trichlorophenol	12.81	196	435565m	31.984 ng	
46) 1,1'-Biphenyl	13.14	154	1418964	26.081 ng	99
47) 2-Chloronaphthalene	13.18	162	1106605	27.249 ng	100
48) 2-Nitroaniline	13.41	65	413307	30.346 ng	99
49) Acenaphthylene	14.03	152	1860084	27.089 ng	99
50) Dimethylphthalate	13.78	163	1787861	33.547 ng	99
51) 2,6-Dinitrotoluene	13.91	165	341084	29.606 ng	99
52) Acenaphthene	14.38	154	1064313	26.974 ng	98
53) 3-Nitroaniline	14.25	138	236216	19.359 ng	94
54) 2,4-Dinitrophenol	14.46	184	285249	42.635 ng	98
55) Dibenzofuran	14.72	168	1776201	27.914 ng	100
56) 4-Nitrophenol	14.56	139	585795	58.801 ng	99
57) 2,4-Dinitrotoluene	14.70	165	489606	29.277 ng	99
58) Fluorene	15.37	166	1464267	27.918 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	391089	30.848 ng	99
60) Diethylphthalate	15.14	149	1587683	29.415 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	721108	28.308 ng	99
62) 4-Nitroaniline	15.42	138	337085	27.413 ng	99
63) Azobenzene	15.66	77	1648214	29.019 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	228148	23.576 ng	98
66) n-Nitrosodiphenylamine	15.59	169	1309939	27.863 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	440963	27.078 ng	100
68) Hexachlorobenzene	16.36	284	515971	26.651 ng	99
69) Atrazine	16.54	200	467613	29.547 ng	99
70) Pentachlorophenol	16.72	266	628375	53.871 ng	99
71) Phenanthrene	17.11	178	2312071	26.712 ng	100
72) Anthracene	17.20	178	2375926	28.039 ng	99
73) Carbazole	17.49	167	2249571	28.128 ng	99
74) Di-n-butylphthalate	18.03	149	2809166	29.047 ng	100
75) Fluoranthene	19.13	202	2670782	26.890 ng	99
77) Benzidine	19.34	184	324032	7.367 ng	99
78) Pyrene	19.50	202	2763649	28.163 ng	99
80) Butylbenzylphthalate	20.40	149	1314052	30.745 ng	99
81) Benzo(a)anthracene	21.25	228	2563260	26.344 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	677306	18.070 ng	99
83) Chrysene	21.30	228	2483225	26.380 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1962469	31.561 ng	99
85) Di-n-octyl phthalate	22.05	149	3277135	31.298 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2449726	24.176 ng	100
88) Benzo(b)fluoranthene	22.83	252	2458934	27.709 ng	99
89) Benzo(k)fluoranthene	22.87	252	2432987	29.808 ng	99
90) Benzo(a)pyrene	23.41	252	2268814	28.450 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2103203	27.569 ng	99
92) Benzo(g,h,i)perylene	26.46	276	1928952	27.541 ng	99

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

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