Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019195.D
Acq On : 15 Mar 2019 20:31
Operator : JU/SJ
Sample : K1930-10MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5MSD

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:37 PM

Quant Time: Mar 18 08:08:24 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	7.65	152	209979	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	950696	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	580252	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1293635	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	1133060	20.00	ng		0.00
87) Perylene-d12	23.50	264	974931	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1716495	132.39	ng		0.00
7) Phenol-d6	6.84	99	2578004	135.93	ng		0.00
23) Nitrobenzene-d5	8.82	82	1572313	78.18	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	1072094	125.14	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3025571	67.82	ng		-0.01
79) Terphenyl-d14	19.70	244	4859177	85.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	163650	28.372	ng		98
3) Pyridine	3.62	79	385642	24.575	ng		98
4) n-Nitrosodimethylamine	3.53	42	157520	32.289	ng		93
6) Aniline	7.00	93	672821	27.478	ng		100
8) 2-Chlorophenol	7.22	128	624426	40.076	ng		99
9) Benzaldehyde	6.82	77	265462	22.253	ng		97
10) Phenol	6.87	94	902732	44.167	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	557392	35.739	ng		99
12) 1,3-Dichlorobenzene	7.54	146	557848	33.832	ng		100
13) 1,4-Dichlorobenzene	7.69	146	574452	34.172	ng		99
14) 1,2-Dichlorobenzene	8.00	146	571338	34.933	ng		99
15) Benzyl Alcohol	7.91	79	613282	39.072	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	559110	35.109	ng		99
17) 2-Methylphenol	8.10	107	560325	42.069	ng		99
18) Hexachloroethane	8.71	117	203897	32.642	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	557811	35.851	ng		99
20) 3+4-Methylphenols	8.43	107	759049	41.985	ng		98
22) Acetophenone	8.49	105	925183	35.214	ng	#	99
24) Nitrobenzene	8.87	77	785159	37.537	ng		98
25) Isophorone	9.39	82	1438971	37.496	ng		99
26) 2-Nitrophenol	9.57	139	341107	39.343	ng		99
27) 2,4-Dimethylphenol	9.63	122	606405	47.046	ng		99
28) bis(2-Chloroethoxy)methane	9.87	93	848047	37.320	ng		99
29) 2,4-Dichlorophenol	10.09	162	623951	43.708	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	591490	36.746	ng		99
31) Naphthalene	10.49	128	1845320	36.826	ng		100
32) Benzoic acid	9.77	122	206434m	18.911	ng		
33) 4-Chloroaniline	10.62	127	504972	24.584	ng		100
34) Hexachlorobutadiene	10.75	225	307438	33.282	ng		99
35) Caprolactam	11.45	113	205163m	40.345	ng		
36) 4-Chloro-3-methylphenol	11.75	107	723025	41.048	ng		99
37) 2-Methylnaphthalene	12.11	142	1376096	37.792	ng		99
38) 1-Methylnaphthalene	12.33	142	1316732	36.687	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	660113	35.964	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	507514	61.043 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	506871	42.732 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	539301	42.518 ng	99
46) 1,1'-Biphenyl	13.13	154	1804105	35.602 ng	100
47) 2-Chloronaphthalene	13.18	162	1403480	37.105 ng	100
48) 2-Nitroaniline	13.41	65	510474	40.241 ng	94
49) Acenaphthylene	14.03	152	2311427	36.141 ng	100
50) Dimethylphthalate	13.78	163	2180369	43.926 ng	99
51) 2,6-Dinitrotoluene	13.91	165	416803	38.844 ng	98
52) Acenaphthene	14.37	154	1319072	35.893 ng	99
53) 3-Nitroaniline	14.24	138	337239	29.674 ng	99
54) 2,4-Dinitrophenol	14.46	184	307400	49.330 ng	96
55) Dibenzofuran	14.71	168	2166505	36.556 ng	100
56) 4-Nitrophenol	14.56	139	699425	75.378 ng	96
57) 2,4-Dinitrotoluene	14.70	165	595440	38.228 ng	98
58) Fluorene	15.36	166	1774420	36.323 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	478333	40.508 ng	100
60) Diethylphthalate	15.14	149	1866827	37.134 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	873194	36.803 ng	100
62) 4-Nitroaniline	15.42	138	407821	35.608 ng	98
63) Azobenzene	15.66	77	1973470	37.305 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	252970	29.841 ng	100
66) n-Nitrosodiphenylamine	15.59	169	1564517	37.988 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	526649	36.918 ng	98
68) Hexachlorobenzene	16.36	284	633878	37.375 ng	99
69) Atrazine	16.54	200	564508	40.718 ng	99
70) Pentachlorophenol	16.72	266	758333	74.214 ng	99
71) Phenanthrene	17.11	178	2689064	35.464 ng	100
72) Anthracene	17.20	178	2784796	37.516 ng	99
73) Carbazole	17.48	167	2588400	36.946 ng	100
74) Di-n-butylphthalate	18.03	149	3238583	38.227 ng	100
75) Fluoranthene	19.13	202	2977862	34.226 ng	99
77) Benzidine	19.33	184	587925	18.296 ng	99
78) Pyrene	19.50	202	2987229	41.669 ng	100
80) Butylbenzylphthalate	20.40	149	1465477	46.933 ng	98
81) Benzo(a)anthracene	21.25	228	2508003	35.282 ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	895593	32.705 ng	100
83) Chrysene	21.30	228	2390920	34.767 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2190240	48.214 ng	100
85) Di-n-octyl phthalate	22.05	149	3484456	45.552 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2478657	33.483 ng	100
88) Benzo(b)fluoranthene	22.83	252	2297968	36.376 ng	100
89) Benzo(k)fluoranthene	22.87	252	2209860	38.032 ng	99
90) Benzo(a)pyrene	23.40	252	2119499	37.334 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2131193	39.243 ng	99
92) Benzo(g,h,i)perylene	26.46	276	2004292	40.199 ng	99

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

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