Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019155.D
Acq On : 13 Mar 2019 20:42
Operator : JU/SJ
Sample : K1861-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF-10-031119MS

Manual Integrations APPROVED
Sohil
3/14/2019 3:38:04 PM

Quant Time: Mar 14 08:05:26 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	199218	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	900635	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	572624	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1322752	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1366734	20.00	ng	0.00
87) Perylene-d12	23.50	264	1188505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1582992	128.68	ng	0.00
7) Phenol-d6	6.85	99	2384424	132.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	1458035	76.53	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1083078	128.11	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3142265	71.38	ng	0.00
79) Terphenyl-d14	19.70	244	5139122	74.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	171751	31.385	ng	100
3) Pyridine	3.62	79	374461	25.152	ng	97
4) n-Nitrosodimethylamine	3.54	42	153805	33.230	ng	94
6) Aniline	7.00	93	464862	20.011	ng	98
8) 2-Chlorophenol	7.23	128	568124	38.432	ng	98
9) Benzaldehyde	6.82	77	269327	23.797	ng	99
10) Phenol	6.87	94	841605	43.400	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	515124	34.813	ng	99
12) 1,3-Dichlorobenzene	7.55	146	534881	34.191	ng	99
13) 1,4-Dichlorobenzene	7.69	146	551164	34.558	ng	98
14) 1,2-Dichlorobenzene	8.00	146	538395	34.697	ng	99
15) Benzyl Alcohol	7.91	79	566735	38.056	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	523584	34.654	ng	98
17) 2-Methylphenol	8.10	107	517729	40.971	ng	99
18) Hexachloroethane	8.72	117	202863	34.230	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	524518	35.532	ng	98
20) 3+4-Methylphenols	8.43	107	712187	41.521	ng	100
22) Acetophenone	8.49	105	851836	34.224	ng	100
24) Nitrobenzene	8.87	77	726776	36.677	ng	99
25) Isophorone	9.39	82	1354012	37.243	ng	99
26) 2-Nitrophenol	9.57	139	308907	37.609	ng	100
27) 2,4-Dimethylphenol	9.63	122	572144	46.856	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	800193	37.171	ng	99
29) 2,4-Dichlorophenol	10.10	162	582707	43.088	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	550251	36.084	ng	99
31) Naphthalene	10.49	128	1720244	36.238	ng	100
32) Benzoic acid	9.79	122	347632m	33.615	ng	
33) 4-Chloroaniline	10.63	127	227836	11.708	ng	100
34) Hexachlorobutadiene	10.75	225	292998	33.482	ng	99
35) Caprolactam	11.45	113	199780m	41.470	ng	
36) 4-Chloro-3-methylphenol	11.75	107	698473	41.858	ng	99
37) 2-Methylnaphthalene	12.11	142	1332990	38.643	ng	99
38) 1-Methylnaphthalene	12.33	142	1274997	37.499	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	622222	34.351	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	645132	78.629 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	482519	41.221 ng	99
44) 2,4,5-Trichlorophenol	12.81	196	526270m	42.043 ng	
46) 1,1'-Biphenyl	13.14	154	1765899	35.312 ng	99
47) 2-Chloronaphthalene	13.18	162	1359715	36.427 ng	99
48) 2-Nitroaniline	13.41	65	489249	39.082 ng	98
49) Acenaphthylene	14.03	152	2275793	36.058 ng	100
50) Dimethylphthalate	13.79	163	2094651	42.761 ng	99
51) 2,6-Dinitrotoluene	13.91	165	402012	37.964 ng	96
52) Acenaphthene	14.38	154	1309641	36.111 ng	99
53) 3-Nitroaniline	14.24	138	251295	22.406 ng	100
54) 2,4-Dinitrophenol	14.46	184	443839	72.173 ng	99
55) Dibenzofuran	14.72	168	2161978	36.965 ng	99
56) 4-Nitrophenol	14.56	139	702977	76.770 ng	99
57) 2,4-Dinitrotoluene	14.70	165	578490	37.635 ng	98
58) Fluorene	15.37	166	1767938	36.672 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	471628	40.472 ng	99
60) Diethylphthalate	15.14	149	1899512	38.288 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	876556	37.436 ng	98
62) 4-Nitroaniline	15.42	138	403909	35.736 ng	98
63) Azobenzene	15.66	77	2002579	38.360 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	299459	34.548 ng	98
66) n-Nitrosodiphenylamine	15.59	169	1566921	37.208 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	522011	35.787 ng	99
68) Hexachlorobenzene	16.36	284	622022	35.868 ng	99
69) Atrazine	16.54	200	556311	39.244 ng	98
70) Pentachlorophenol	16.72	266	787787	75.399 ng	100
71) Phenanthrene	17.11	178	2790533	35.992 ng	100
72) Anthracene	17.20	178	2855238	37.618 ng	100
73) Carbazole	17.48	167	2625089	36.644 ng	99
74) Di-n-butylphthalate	18.03	149	3360722	38.796 ng	100
75) Fluoranthene	19.13	202	3210463	36.087 ng	100
77) Benzidine	19.34	184	695975	17.955 ng	100
78) Pyrene	19.50	202	3260392	37.703 ng	100
80) Butylbenzylphthalate	20.40	149	1581491	41.989 ng	100
81) Benzo(a)anthracene	21.25	228	3019108	35.211 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	685292	20.747 ng	100
83) Chrysene	21.30	228	2893253	34.879 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2327819	42.482 ng	98
85) Di-n-octyl phthalate	22.05	149	3876258	42.010 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2828419	31.675 ng	100
88) Benzo(b)fluoranthene	22.83	252	2793923	36.279 ng	100
89) Benzo(k)fluoranthene	22.87	252	2805932	39.613 ng	100
90) Benzo(a)pyrene	23.41	252	2604724	37.636 ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2420706	36.564 ng	100
92) Benzo(g,h,i)perylene	26.46	276	2244048	36.920 ng	100

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

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