Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020219.D
Acq On : 09 May 2019 16:15
Operator : JU/SJ
Sample : K2729-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-3MS

Quant Time: May 10 05:14:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	110489	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	400003	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	250177	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	591995	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	622945	20.00	ng		-0.01
87) Perylene-d12	23.64	264	706405	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1101187	162.91	ng		0.00
7) Phenol-d6	6.95	99	1514093	163.96	ng		0.00
23) Nitrobenzene-d5	8.95	82	1053551	103.98	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	689414	177.54	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1916195	94.24	ng		-0.02
79) Terphenyl-d14	19.80	244	3397288	95.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	149214	45.010	ng		92
3) Pyridine	3.69	79	398546	47.006	ng		96
4) n-Nitrosodimethylamine	3.62	42	125268	46.074	ng	#	66
6) Aniline	7.12	93	277893	23.906	ng		98
8) 2-Chlorophenol	7.35	128	386593	52.526	ng		96
9) Benzaldehyde	6.93	77	241424	34.543	ng		97
10) Phenol	6.98	94	571682	57.507	ng		93
11) bis(2-Chloroethyl)ether	7.21	93	384253	53.181	ng		94
12) 1,3-Dichlorobenzene	7.66	146	424666	49.591	ng		97
13) 1,4-Dichlorobenzene	7.81	146	429505	49.650	ng		97
14) 1,2-Dichlorobenzene	8.13	146	409434	49.679	ng		97
15) Benzyl Alcohol	8.02	79	427637	48.026	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	286803	47.870	ng		97
17) 2-Methylphenol	8.22	107	333005	52.037	ng		95
18) Hexachloroethane	8.85	117	170985	47.404	ng		98
19) n-Nitroso-di-n-propylamine	8.58	70	374783	47.438	ng		95
20) 3+4-Methylphenols	8.55	107	445572	52.389	ng		95
22) Acetophenone	8.60	105	596820	54.593	ng	#	96
24) Nitrobenzene	8.99	77	535636	50.989	ng		95
25) Isophorone	9.50	82	945231	54.100	ng		99
26) 2-Nitrophenol	9.69	139	208766	65.827	ng		93
27) 2,4-Dimethylphenol	9.75	122	335193	63.484	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	516239	54.250	ng		99
29) 2,4-Dichlorophenol	10.22	162	388078	58.289	ng		96
30) 1,2,4-Trichlorobenzene	10.43	180	440152	53.728	ng		99
31) Naphthalene	10.62	128	1143415	55.084	ng		99
32) Benzoic acid	9.83	122	40004	15.793	ng		97
33) 4-Chloroaniline	10.74	127	145235	16.999	ng		97
34) Hexachlorobutadiene	10.89	225	284302	49.058	ng		98
35) Caprolactam	11.55	113	122282m	61.424	ng		
36) 4-Chloro-3-methylphenol	11.86	107	425718	54.412	ng		96
37) 2-Methylnaphthalene	12.23	142	833776	55.096	ng		96
38) 1-Methylnaphthalene	12.46	142	799385	54.020	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	512923	52.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	653560	113.403 ng		99
43) 2,4,6-Trichlorophenol	12.85	196	344297	61.894 ng		98
44) 2,4,5-Trichlorophenol	12.92	196	370042	59.546 ng		97
46) 1,1'-Biphenyl	13.25	154	1087247	52.800 ng		98
47) 2-Chloronaphthalene	13.30	162	863634	52.529 ng		98
48) 2-Nitroaniline	13.51	65	310125	52.983 ng		96
49) Acenaphthylene	14.15	152	1337124	50.818 ng		99
50) Dimethylphthalate	13.88	163	1350584	63.518 ng		100
51) 2,6-Dinitrotoluene	14.01	165	247342	55.229 ng		91
52) Acenaphthene	14.49	154	810120	53.690 ng		99
53) 3-Nitroaniline	14.35	138	124844	30.035 ng		94
54) 2,4-Dinitrophenol	14.55	184	227596	99.186 ng		90
55) Dibenzofuran	14.82	168	1338010	52.571 ng		98
56) 4-Nitrophenol	14.65	139	394325	111.190 ng		88
57) 2,4-Dinitrotoluene	14.80	165	343008	56.366 ng	#	92
58) Fluorene	15.47	166	1098272	52.542 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	350260	59.311 ng		96
60) Diethylphthalate	15.25	149	1112628	51.938 ng		100
61) 4-Chlorophenyl-phenylether	15.47	204	609256	51.443 ng		92
62) 4-Nitroaniline	15.51	138	231442	50.455 ng		94
63) Azobenzene	15.76	77	1187751	46.998 ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	195391	62.816 ng		98
66) n-Nitrosodiphenylamine	15.69	169	945644	54.286 ng		98
67) 4-Bromophenyl-phenylether	16.36	248	378072	52.080 ng		94
68) Hexachlorobenzene	16.47	284	433704	51.918 ng		97
69) Atrazine	16.64	200	376391	55.290 ng		99
70) Pentachlorophenol	16.82	266	569988	119.253 ng		97
71) Phenanthrene	17.22	178	2072108	63.409 ng		100
72) Anthracene	17.30	178	1831639	56.060 ng		99
73) Carbazole	17.58	167	1600266	54.281 ng		99
74) Di-n-butylphthalate	18.13	149	1870948	52.734 ng		98
75) Fluoranthene	19.23	202	2551609	61.712 ng		100
77) Benzidine	19.43	184	907387	45.561 ng		98
78) Pyrene	19.60	202	2541357	60.763 ng		99
80) Butylbenzylphthalate	20.49	149	890267	58.534 ng		97
81) Benzo(a)anthracene	21.34	228	2317881	53.056 ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	535547	32.119 ng		100
83) Chrysene	21.40	228	2298415	54.248 ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1305515	55.316 ng		99
85) Di-n-octyl phthalate	22.15	149	2255949	57.512 ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2869506	56.938 ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2437831	52.261 ng		99
89) Benzo(k)fluoranthene	23.00	252	2408301	56.598 ng		98
90) Benzo(a)pyrene	23.54	252	2413807	56.969 ng		98
91) Dibenzo(a,h)anthracene	25.99	278	2408670	54.663 ng		99
92) Benzo(g,h,i)perylene	26.70	276	2409066	57.586 ng		99

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

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