Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020315.D
Acq On : 13 May 2019 14:34
Operator : JU/SJ
Sample : K2763-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P021-SS008-0206-01MS

Manual Integrations APPROVED
mohammad
5/14/2019 11:11:43 PM

Quant Time: May 14 14:55:34 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	7.76	152	56473	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	204655	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	127943	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	311211	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	315040	20.00	ng		-0.02
87) Perylene-d12	23.63	264	320144	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	399544	115.65	ng		-0.02
7) Phenol-d6	6.93	99	555656	117.73	ng		-0.02
23) Nitrobenzene-d5	8.93	82	381410	73.58	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	238952	120.32	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	718169	69.06	ng		-0.04
79) Terphenyl-d14	19.79	244	1275704	70.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	55114	32.526	ng		91
3) Pyridine	3.68	79	99602	22.984	ng		94
4) n-Nitrosodimethylamine	3.60	42	45274	32.580	ng	#	61
6) Aniline	7.10	93	53910	9.074	ng		94
8) 2-Chlorophenol	7.32	128	144077	38.300	ng		97
9) Benzaldehyde	6.91	77	75935	21.257	ng		96
10) Phenol	6.96	94	197235	38.818	ng		89
11) bis(2-Chloroethyl)ether	7.19	93	144518	39.133	ng		95
12) 1,3-Dichlorobenzene	7.65	146	155272	35.476	ng		93
13) 1,4-Dichlorobenzene	7.79	146	156719	35.445	ng		98
14) 1,2-Dichlorobenzene	8.10	146	152586	36.223	ng		99
15) Benzyl Alcohol	8.00	79	146959	32.290	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.27	45	108321	35.373	ng		98
17) 2-Methylphenol	8.20	107	119101	36.413	ng		94
18) Hexachloroethane	8.82	117	60349	32.735	ng		97
19) n-Nitroso-di-n-propylamine	8.56	70	137217	33.981	ng		96
20) 3+4-Methylphenols	8.53	107	153242	35.251	ng		95
22) Acetophenone	8.59	105	224447	40.128	ng	#	96
24) Nitrobenzene	8.97	77	201164	37.428	ng		94
25) Isophorone	9.49	82	349330	39.078	ng		97
26) 2-Nitrophenol	9.67	139	73097	45.049	ng		89
27) 2,4-Dimethylphenol	9.73	122	103178	38.194	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	190188	39.064	ng		98
29) 2,4-Dichlorophenol	10.20	162	135925	39.903	ng		97
30) 1,2,4-Trichlorobenzene	10.41	180	160687	38.337	ng		99
31) Naphthalene	10.60	128	416059	39.176	ng		99
32) Benzoic acid	9.85	122	41549	25.250	ng		91
33) 4-Chloroaniline	10.73	127	47203	10.799	ng		91
34) Hexachlorobutadiene	10.86	225	99490	33.554	ng		96
35) Caprolactam	11.55	113	37137m	36.460	ng		
36) 4-Chloro-3-methylphenol	11.85	107	152620	38.126	ng		95
37) 2-Methylnaphthalene	12.22	142	306934	39.642	ng		95
38) 1-Methylnaphthalene	12.44	142	290534	38.374	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	186591	37.276	ng		99

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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)
41) Hexachlorocyclopentadiene	12.55	237	211669	71.817 ng		97
43) 2,4,6-Trichlorophenol	12.83	196	124248	43.675 ng		99
44) 2,4,5-Trichlorophenol	12.90	196	131480	41.371 ng		99
46) 1,1'-Biphenyl	13.23	154	395880	37.592 ng		99
47) 2-Chloronaphthalene	13.28	162	322981	38.413 ng		99
48) 2-Nitroaniline	13.50	65	108368	36.202 ng		94
49) Acenaphthylene	14.13	152	500990	37.231 ng		99
50) Dimethylphthalate	13.87	163	576455	53.011 ng		98
51) 2,6-Dinitrotoluene	14.00	165	92269	40.286 ng		88
52) Acenaphthene	14.47	154	292142	37.859 ng		99
53) 3-Nitroaniline	14.33	138	44030	20.713 ng		100
54) 2,4-Dinitrophenol	14.54	184	90952	79.357 ng		90
55) Dibenzofuran	14.81	168	492174	37.813 ng		97
56) 4-Nitrophenol	14.64	139	127739	70.432 ng	#	85
57) 2,4-Dinitrotoluene	14.79	165	127464	40.957 ng		90
58) Fluorene	15.46	166	392964	36.761 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	125489	41.551 ng		98
60) Diethylphthalate	15.23	149	416536	38.020 ng		100
61) 4-Chlorophenyl-phenylether	15.45	204	225511	37.232 ng		95
62) 4-Nitroaniline	15.50	138	65675	27.996 ng		93
63) Azobenzene	15.74	77	437357	33.839 ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	65457	42.628 ng		97
66) n-Nitrosodiphenylamine	15.67	169	342185	37.366 ng		99
67) 4-Bromophenyl-phenylether	16.34	248	140555	36.831 ng		95
68) Hexachlorobenzene	16.45	284	161532	36.783 ng		96
69) Atrazine	16.63	200	141904	39.652 ng		96
70) Pentachlorophenol	16.80	266	201852	80.334 ng		97
71) Phenanthrene	17.20	178	635773	37.009 ng		100
72) Anthracene	17.29	178	632260	36.811 ng		99
73) Carbazole	17.57	167	586236	37.826 ng		98
74) Di-n-butylphthalate	18.12	149	691218	37.060 ng		98
75) Fluoranthene	19.22	202	785062	36.118 ng		99
77) Benzidine	19.43	184	9758	0.969 ng		100
78) Pyrene	19.59	202	796574	37.660 ng		100
80) Butylbenzylphthalate	20.48	149	322260	41.897 ng		100
81) Benzo(a)anthracene	21.33	228	751721	34.024 ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	116646	13.833 ng		97
83) Chrysene	21.39	228	750132	35.009 ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	483082	40.474 ng		98
85) Di-n-octyl phthalate	22.14	149	819947	41.333 ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	832841	32.677 ng	#	100
88) Benzo(b)fluoranthene	22.94	252	746136	35.294 ng		100
89) Benzo(k)fluoranthene	22.99	252	758753	39.346 ng		99
90) Benzo(a)pyrene	23.54	252	705299	36.729 ng		99
91) Dibenzo(a,h)anthracene	25.97	278	723525	36.231 ng		99
92) Benzo(g,h,i)perylene	26.67	276	676526	35.683 ng		97

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

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