Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020132.D
Acq On : 06 May 2019 12:59
Operator : JU/SJ
Sample : PB119435BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Manual Integrations APPROVED
mohammad
5/7/2019 3:11:34 PM

Quant Time: May 07 04:21:11 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	7.79	152	121074	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	439221	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	258952	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	604327	20.00	ng		0.00
76) Chrysene-d12	21.36	240	639035	20.00	ng		0.00
87) Perylene-d12	23.65	264	639450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	999502	134.94	ng		0.00
7) Phenol-d6	6.95	99	1351478	133.56	ng		0.00
23) Nitrobenzene-d5	8.95	82	831280	74.72	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	540515	134.48	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1590763	75.58	ng		-0.01
79) Terphenyl-d14	19.80	244	2636965	71.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	129011	35.513	ng		96
3) Pyridine	3.70	79	331218	35.650	ng		99
4) n-Nitrosodimethylamine	3.62	42	115534	38.779	ng	#	88
6) Aniline	7.12	93	343460	26.964	ng		99
8) 2-Chlorophenol	7.35	128	300589	37.270	ng		98
9) Benzaldehyde	6.93	77	167090	21.817	ng		96
10) Phenol	6.97	94	415835	38.173	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	320893	40.529	ng		95
12) 1,3-Dichlorobenzene	7.67	146	343043	36.557	ng		97
13) 1,4-Dichlorobenzene	7.82	146	345834	36.483	ng		95
14) 1,2-Dichlorobenzene	8.13	146	330067	36.548	ng		99
15) Benzyl Alcohol	8.03	79	347696	35.634	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	232439	35.405	ng		96
17) 2-Methylphenol	8.22	107	270083	38.515	ng		97
18) Hexachloroethane	8.86	117	139102	35.193	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	300579	34.720	ng		97
20) 3+4-Methylphenols	8.55	107	353299	37.908	ng		96
22) Acetophenone	8.61	105	486228	40.506	ng	#	97
24) Nitrobenzene	8.99	77	444479	38.533	ng		98
25) Isophorone	9.51	82	735904	38.358	ng		100
26) 2-Nitrophenol	9.70	139	149653	42.974	ng		99
27) 2,4-Dimethylphenol	9.75	122	270104	46.589	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	405780	38.835	ng		99
29) 2,4-Dichlorophenol	10.22	162	299995	41.035	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	358506	39.854	ng		97
31) Naphthalene	10.63	128	883574	38.765	ng		99
32) Benzoic acid	9.87	122	160195	40.097	ng		93
33) 4-Chloroaniline	10.75	127	246844	26.312	ng		97
34) Hexachlorobutadiene	10.90	225	238370	37.459	ng		97
35) Caprolactam	11.54	113	87207m	39.894	ng		
36) 4-Chloro-3-methylphenol	11.86	107	330552	38.476	ng		99
37) 2-Methylnaphthalene	12.25	142	653848	39.349	ng		97
38) 1-Methylnaphthalene	12.46	142	618417	38.059	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	412878	40.753	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	402224	67.427	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	251311	43.647	ng		97
44) 2,4,5-Trichlorophenol	12.93	196	272155	42.311	ng		97
46) 1,1'-Biphenyl	13.26	154	851427	39.946	ng		99
47) 2-Chloronaphthalene	13.30	162	681648	40.055	ng		98
48) 2-Nitroaniline	13.52	65	238647	39.390	ng		94
49) Acenaphthylene	14.15	152	1036516	38.058	ng		99
50) Dimethylphthalate	13.89	163	835222	37.949	ng		100
51) 2,6-Dinitrotoluene	14.01	165	177652	38.324	ng		97
52) Acenaphthene	14.49	154	601824	38.534	ng		99
53) 3-Nitroaniline	14.34	138	140856	32.739	ng		97
54) 2,4-Dinitrophenol	14.55	184	173956	75.457	ng		92
55) Dibenzofuran	14.83	168	1016119	38.571	ng		97
56) 4-Nitrophenol	14.64	139	297239	80.974	ng		95
57) 2,4-Dinitrotoluene	14.80	165	248806	39.500	ng		95
58) Fluorene	15.48	166	807077	37.303	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	251644	41.168	ng		99
60) Diethylphthalate	15.25	149	812196	36.629	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	469811	38.324	ng		97
62) 4-Nitroaniline	15.51	138	173937	36.634	ng		97
63) Azobenzene	15.76	77	950137	36.322	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	109638	37.753	ng		96
66) n-Nitrosodiphenylamine	15.69	169	713025	40.097	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	281761	38.021	ng		96
68) Hexachlorobenzene	16.47	284	328555	38.528	ng		99
69) Atrazine	16.64	200	249291	35.872	ng		97
70) Pentachlorophenol	16.82	266	406691	83.352	ng		98
71) Phenanthrene	17.22	178	1290312	38.679	ng		100
72) Anthracene	17.31	178	1307816	39.211	ng		99
73) Carbazole	17.58	167	1139456	37.862	ng		99
74) Di-n-butylphthalate	18.14	149	1294342	35.737	ng		98
75) Fluoranthene	19.23	202	1564133	37.058	ng		100
77) Benzidine	19.43	184	782467	38.299	ng		99
78) Pyrene	19.60	202	1627141	37.925	ng		100
80) Butylbenzylphthalate	20.50	149	589368	37.775	ng		99
81) Benzo(a)anthracene	21.34	228	1665398	37.161	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	618462	36.158	ng		99
83) Chrysene	21.40	228	1659563	38.183	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	857568	35.421	ng		99
85) Di-n-octyl phthalate	22.16	149	1505996	37.426	ng		98
86) Indeno(1,2,3-cd)pyrene	25.97	276	2278820	44.079	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1888086	44.714	ng		100
89) Benzo(k)fluoranthene	23.00	252	1812119	47.046	ng		99
90) Benzo(a)pyrene	23.55	252	1834435	47.828	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1962613	49.204	ng		100
92) Benzo(g,h,i)perylene	26.69	276	1915130	50.572	ng		98

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

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