Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
Data File : BM020269.D
Acq On : 11 May 2019 13:05
Operator : JU/SJ
Sample : PB119485BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119485BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:05:59 PM

Quant Time: May 12 03:49:23 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	7.77	152	61504	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	220238	20.00	ng		-0.03
39) Acenaphthene-d10	14.42	164	129355	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	308963	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	328887	20.00	ng		-0.02
87) Perylene-d12	23.64	264	336169	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	510924	135.79	ng		-0.02
7) Phenol-d6	6.94	99	664040	129.18	ng		-0.01
23) Nitrobenzene-d5	8.93	82	402716	72.19	ng		-0.02
42) 2,4,6-Tribromophenol	15.91	330	286646	142.76	ng		-0.01
45) 2-Fluorobiphenyl	13.03	172	784646	74.63	ng		-0.03
79) Terphenyl-d14	19.79	244	1392344	73.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	69056	37.421	ng		89
3) Pyridine	3.68	79	177874	37.688	ng		95
4) n-Nitrosodimethylamine	3.60	42	54933	36.297	ng	#	67
6) Aniline	7.10	93	187223	28.934	ng		99
8) 2-Chlorophenol	7.33	128	155087	37.854	ng		98
9) Benzaldehyde	6.92	77	100704	25.884	ng		94
10) Phenol	6.96	94	207730	37.539	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	155653	38.700	ng		98
12) 1,3-Dichlorobenzene	7.65	146	176073	36.938	ng		97
13) 1,4-Dichlorobenzene	7.80	146	179997	37.380	ng		97
14) 1,2-Dichlorobenzene	8.12	146	169866	37.026	ng		98
15) Benzyl Alcohol	8.01	79	159964	32.273	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.29	45	120481	36.126	ng		98
17) 2-Methylphenol	8.21	107	131971	37.047	ng		94
18) Hexachloroethane	8.83	117	70698	35.211	ng		98
19) n-Nitroso-di-n-propylamine	8.57	70	146640	33.344	ng	#	95
20) 3+4-Methylphenols	8.53	107	169194	35.737	ng		95
22) Acetophenone	8.59	105	241282	40.086	ng	#	95
24) Nitrobenzene	8.97	77	212853	36.801	ng		95
25) Isophorone	9.49	82	362745	37.708	ng		99
26) 2-Nitrophenol	9.68	139	79997	45.813	ng		89
27) 2,4-Dimethylphenol	9.73	122	126677	43.575	ng		97
28) bis(2-Chloroethoxy)methane	9.98	93	198163	37.822	ng		99
29) 2,4-Dichlorophenol	10.21	162	144511	39.422	ng		99
30) 1,2,4-Trichlorobenzene	10.42	180	177098	39.263	ng		97
31) Naphthalene	10.61	128	446148	39.036	ng		100
32) Benzoic acid	9.87	122	77141	38.769	ng		88
33) 4-Chloroaniline	10.73	127	114013	24.237	ng		97
34) Hexachlorobutadiene	10.87	225	116548	36.526	ng		99
35) Caprolactam	11.53	113	44936m	40.996	ng		
36) 4-Chloro-3-methylphenol	11.85	107	155399	36.074	ng		94
37) 2-Methylnaphthalene	12.23	142	325362	39.049	ng		97
38) 1-Methylnaphthalene	12.45	142	311372	38.216	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	200179	39.554	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	237738	79.782	ng		99
43) 2,4,6-Trichlorophenol	12.84	196	126764	44.073	ng		99
44) 2,4,5-Trichlorophenol	12.91	196	133507	41.550	ng		97
46) 1,1'-Biphenyl	13.25	154	420898	39.531	ng		99
47) 2-Chloronaphthalene	13.29	162	338191	39.783	ng		98
48) 2-Nitroaniline	13.50	65	111251	36.760	ng		89
49) Acenaphthylene	14.14	152	519431	38.180	ng		100
50) Dimethylphthalate	13.87	163	419398	38.147	ng		99
51) 2,6-Dinitrotoluene	14.00	165	90329	39.009	ng		92
52) Acenaphthene	14.48	154	305325	39.135	ng		98
53) 3-Nitroaniline	14.34	138	61494	28.613	ng		95
54) 2,4-Dinitrophenol	14.54	184	113184	95.721	ng		91
55) Dibenzofuran	14.82	168	512527	38.947	ng		97
56) 4-Nitrophenol	14.64	139	135933	74.131	ng		86
57) 2,4-Dinitrotoluene	14.79	165	129069	41.020	ng		91
58) Fluorene	15.46	166	409554	37.894	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.04	232	129500	42.411	ng		97
60) Diethylphthalate	15.24	149	417097	37.656	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	231991	37.884	ng		95
62) 4-Nitroaniline	15.50	138	73296	30.903	ng		93
63) Azobenzene	15.75	77	461615	35.326	ng		98
65) 4,6-Dinitro-2-methylphenol	15.55	198	70126	45.434	ng		99
66) n-Nitrosodiphenylamine	15.68	169	361912	39.808	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	142873	37.710	ng		95
68) Hexachlorobenzene	16.46	284	166055	38.088	ng		96
69) Atrazine	16.63	200	135209	38.056	ng		99
70) Pentachlorophenol	16.81	266	213353	85.529	ng		99
71) Phenanthrene	17.21	178	655182	38.416	ng		99
72) Anthracene	17.30	178	661107	38.770	ng		100
73) Carbazole	17.57	167	577887	37.559	ng		98
74) Di-n-butylphthalate	18.12	149	713228	38.518	ng		98
75) Fluoranthene	19.22	202	822090	38.097	ng		99
77) Benzidine	19.42	184	272267	25.894	ng		100
78) Pyrene	19.59	202	843720	38.210	ng		99
80) Butylbenzylphthalate	20.49	149	344179	42.863	ng		99
81) Benzo(a)anthracene	21.33	228	846526	36.702	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	287861	32.700	ng		99
83) Chrysene	21.39	228	851147	38.050	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	510550	40.975	ng		99
85) Di-n-octyl phthalate	22.14	149	904950	43.697	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	1133727	42.610	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	940942	42.387	ng		99
89) Benzo(k)fluoranthene	22.99	252	921593	45.512	ng		100
90) Benzo(a)pyrene	23.54	252	910617	45.161	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	975014	46.497	ng		99
92) Benzo(g,h,i)perylene	26.68	276	951876	47.813	ng		99

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

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