Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\
Data File : BM022771.D
Acq On : 25 Sep 2019 14:50
Operator : JU
Sample : PB123298BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB123298BS

Manual Integrations APPROVED
mohammad
9/26/2019 3:54:46 PM

Quant Time: Sep 26 06:25:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	246198	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	975752	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	543756	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	1013296	20.00	ng		0.00
76) Chrysene-d12	21.37	240	791783	20.00	ng		0.00
87) Perylene-d12	23.64	264	698960	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1695019	109.19	ng		0.00
7) Phenol-d6	6.99	99	2112753	105.96	ng		0.00
23) Nitrobenzene-d5	8.97	82	1145364	65.16	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	765780	112.81	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2713698	68.72	ng		0.00
79) Terphenyl-d14	19.82	244	3277819	80.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	236245	37.821	ng	#	100
3) Pyridine	3.72	79	567132	34.446	ng		99
4) n-Nitrosodimethylamine	3.62	42	255215	42.580	ng	#	99
6) Aniline	7.15	93	892517	37.332	ng		99
8) 2-Chlorophenol	7.39	128	728453	46.057	ng		99
9) Benzaldehyde	6.96	77	365596	32.203	ng		99
10) Phenol	7.02	94	836205	44.548	ng		100
11) bis(2-Chloroethyl)ether	7.25	93	645227	43.751	ng		99
12) 1,3-Dichlorobenzene	7.71	146	784046	41.476	ng		100
13) 1,4-Dichlorobenzene	7.86	146	803016	41.961	ng		99
14) 1,2-Dichlorobenzene	8.17	146	756292	41.452	ng		99
15) Benzyl Alcohol	8.06	79	556748	44.626	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.35	45	867139	40.477	ng		100
17) 2-Methylphenol	8.26	107	558134	44.922	ng		99
18) Hexachloroethane	8.90	117	288405	41.089	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	477722	42.907	ng		99
20) 3+4-Methylphenols	8.59	107	742578	44.872	ng		98
22) Acetophenone	8.64	105	962099	39.945	ng	#	99
24) Nitrobenzene	9.02	77	708049	42.100	ng		98
25) Isophorone	9.55	82	1268881	43.902	ng		100
26) 2-Nitrophenol	9.73	139	359078	49.456	ng		98
27) 2,4-Dimethylphenol	9.79	122	624434	51.373	ng		100
28) bis(2-Chloroethoxy)methane	10.02	93	855561	42.778	ng		100
29) 2,4-Dichlorophenol	10.26	162	645439	46.968	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	710142	42.001	ng		99
31) Naphthalene	10.66	128	2065200	42.836	ng		100
32) Benzoic acid	9.93	122	373463	44.997	ng		98
33) 4-Chloroaniline	10.77	127	459679	21.960	ng		99
34) Hexachlorobutadiene	10.96	225	424025	42.071	ng		99
35) Caprolactam	11.56	113	172530m	42.348	ng		
36) 4-Chloro-3-methylphenol	11.89	107	606947	45.269	ng		99
37) 2-Methylnaphthalene	12.27	142	1472014	43.863	ng		99
38) 1-Methylnaphthalene	12.50	142	1363258	42.795	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	785760	42.647	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	1042803	103.733	ng		99
43) 2,4,6-Trichlorophenol	12.89	196	494521	46.504	ng		100
44) 2,4,5-Trichlorophenol	12.95	196	532104	48.017	ng		98
46) 1,1'-Biphenyl	13.29	154	1842778	40.948	ng		100
47) 2-Chloronaphthalene	13.33	162	1415283	42.193	ng		98
48) 2-Nitroaniline	13.53	65	355663	40.720	ng		99
49) Acenaphthylene	14.17	152	2186438	44.018	ng		100
50) Dimethylphthalate	13.92	163	1649021	41.964	ng		100
51) 2,6-Dinitrotoluene	14.03	165	365653	44.485	ng		96
52) Acenaphthene	14.52	154	1328263	40.874	ng		99
53) 3-Nitroaniline	14.35	138	259515	27.425	ng		99
54) 2,4-Dinitrophenol	14.56	184	388638	86.638	ng		97
55) Dibenzofuran	14.85	168	2038198	42.962	ng		99
56) 4-Nitrophenol	14.66	139	625162	85.954	ng		97
57) 2,4-Dinitrotoluene	14.81	165	481866	44.749	ng		100
58) Fluorene	15.50	166	1624894	42.148	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	446489	46.199	ng		97
60) Diethylphthalate	15.28	149	1638685	42.887	ng		99
61) 4-Chlorophenyl-phenylether	15.50	204	849593	42.890	ng		99
62) 4-Nitroaniline	15.52	138	371052	37.402	ng		99
63) Azobenzene	15.79	77	1470215	42.609	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	252604	49.370	ng		96
66) n-Nitrosodiphenylamine	15.71	169	1415503	45.726	ng		100
67) 4-Bromophenyl-phenylether	16.39	248	518241	45.983	ng		99
68) Hexachlorobenzene	16.50	284	565923	43.058	ng		99
69) Atrazine	16.66	200	429367	42.667	ng		99
70) Pentachlorophenol	16.84	266	691864	98.706	ng		99
71) Phenanthrene	17.23	178	2393271	41.858	ng		99
72) Anthracene	17.33	178	2419187	43.658	ng		99
73) Carbazole	17.59	167	2127339	41.256	ng		99
74) Di-n-butylphthalate	18.16	149	2683951	45.904	ng		100
75) Fluoranthene	19.25	202	2566371	39.777	ng		98
77) Benzidine	19.43	184	957067	44.061	ng		100
78) Pyrene	19.61	202	2617434	50.443	ng		99
80) Butylbenzylphthalate	20.52	149	1052192	53.355	ng		97
81) Benzo(a)anthracene	21.36	228	2220998	43.280	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	694385	38.156	ng		99
83) Chrysene	21.41	228	2104962	42.311	ng		100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1570311	53.741	ng		99
85) Di-n-octyl phthalate	22.18	149	2395751	51.445	ng		98
86) Indeno(1,2,3-cd)pyrene	25.96	276	2029074	34.171	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2016280	47.644	ng		99
89) Benzo(k)fluoranthene	23.01	252	1895618	45.143	ng		99
90) Benzo(a)pyrene	23.54	252	1841704	47.228	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	1733112	42.489	ng		98
92) Benzo(g,h,i)perylene	26.66	276	1657430	42.781	ng		98

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

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