Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
Data File : BM022748.D
Acq On : 23 Sep 2019 19:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 24 07:09:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 24 07:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	179122	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	791471	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	500614	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1063157	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1249914	20.00	ng		0.00
87) Perylene-d12	23.65	264	1470683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	881025	78.01	ng		0.00
7) Phenol-d6	6.99	99	1220507	84.14	ng		0.00
23) Nitrobenzene-d5	8.97	82	1096856	76.93	ng		0.00
42) 2,4,6-Tribromophenol	15.94	330	518229	82.93	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	2720462	74.83	ng		0.00
79) Terphenyl-d14	19.82	244	4704480	72.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	168590	37.097	ng	#	100
3) Pyridine	3.72	79	505637	42.211	ng		96
4) n-Nitrosodimethylamine	3.63	42	180705	41.439	ng	#	95
6) Aniline	7.15	93	738467	42.456	ng		99
8) 2-Chlorophenol	7.39	128	468525	40.716	ng		99
9) Benzaldehyde	6.96	77	374525	45.343	ng		99
10) Phenol	7.02	94	577169	42.262	ng		99
11) bis(2-Chloroethyl)ether	7.25	93	445849	41.553	ng		98
12) 1,3-Dichlorobenzene	7.72	146	534227	38.843	ng		100
13) 1,4-Dichlorobenzene	7.86	146	542492	38.962	ng		99
14) 1,2-Dichlorobenzene	8.17	146	525580	39.594	ng		99
15) Benzyl Alcohol	8.06	79	402759	44.372	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.35	45	660427	42.372	ng		99
17) 2-Methylphenol	8.26	107	392624	43.434	ng		99
18) Hexachloroethane	8.90	117	194245	38.037	ng		95
19) n-Nitroso-di-n-propylamine	8.63	70	359968	44.438	ng		99
20) 3+4-Methylphenols	8.59	107	536593	44.567	ng		99
22) Acetophenone	8.65	105	837744	42.881	ng		99
24) Nitrobenzene	9.02	77	531897	38.990	ng		99
25) Isophorone	9.55	82	963324	41.090	ng		99
26) 2-Nitrophenol	9.73	139	216524	36.766	ng		95
27) 2,4-Dimethylphenol	9.79	122	398402	40.409	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	652392	40.214	ng		100
29) 2,4-Dichlorophenol	10.26	162	451701	40.523	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	515725	37.605	ng		99
31) Naphthalene	10.67	128	1509077	38.589	ng		100
32) Benzoic acid	9.93	122	328436	51.758	ng		95
33) 4-Chloroaniline	10.77	127	709866	41.807	ng		99
34) Hexachlorobutadiene	10.96	225	298277	36.485	ng		99
35) Caprolactam	11.56	113	155714	47.120	ng		96
36) 4-Chloro-3-methylphenol	11.89	107	478533	44.002	ng		99
37) 2-Methylnaphthalene	12.28	142	1102167	40.489	ng		99
38) 1-Methylnaphthalene	12.50	142	1055544	40.850	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	705559	41.594	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	302277	32.661 ng		99
43) 2,4,6-Trichlorophenol	12.89	196	377715	38.580 ng		98
44) 2,4,5-Trichlorophenol	12.96	196	396483	38.862 ng		99
46) 1,1'-Biphenyl	13.29	154	1731455	41.790 ng		100
47) 2-Chloronaphthalene	13.33	162	1153898	37.365 ng		99
48) 2-Nitroaniline	13.53	65	329749	41.007 ng		97
49) Acenaphthylene	14.18	152	1776815	38.854 ng		100
50) Dimethylphthalate	13.92	163	1467019	40.550 ng		100
51) 2,6-Dinitrotoluene	14.03	165	306050	40.443 ng		99
52) Acenaphthene	14.52	154	1174934	39.272 ng		100
53) 3-Nitroaniline	14.36	138	369231	42.382 ng		99
54) 2,4-Dinitrophenol	14.56	184	146360	40.962 ng		99
55) Dibenzofuran	14.86	168	1713625	39.234 ng		99
56) 4-Nitrophenol	14.66	139	296365	44.259 ng		98
57) 2,4-Dinitrotoluene	14.82	165	422853	42.653 ng		99
58) Fluorene	15.50	166	1430144	40.293 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	361994	40.684 ng		100
60) Diethylphthalate	15.28	149	1460822	41.527 ng		100
61) 4-Chlorophenyl-phenylether	15.50	204	726991	39.864 ng		97
62) 4-Nitroaniline	15.52	138	406861	44.545 ng		99
63) Azobenzene	15.79	77	1314815	41.389 ng		100
65) 4,6-Dinitro-2-methylphenol	15.57	198	193888	38.941 ng		99
66) n-Nitrosodiphenylamine	15.71	169	1235011	38.025 ng		100
67) 4-Bromophenyl-phenylether	16.39	248	440539	37.255 ng		100
68) Hexachlorobenzene	16.51	284	516047	37.422 ng		99
69) Atrazine	16.66	200	424878	40.240 ng		99
70) Pentachlorophenol	16.84	266	296688	40.342 ng		99
71) Phenanthrene	17.24	178	2328323	38.812 ng		100
72) Anthracene	17.33	178	2278439	39.189 ng		99
73) Carbazole	17.59	167	2221075	41.054 ng		99
74) Di-n-butylphthalate	18.16	149	2559009	41.715 ng		99
75) Fluoranthene	19.25	202	2838101	41.926 ng		99
77) Benzidine	19.43	184	1406600	41.021 ng		100
78) Pyrene	19.62	202	2970346	36.262 ng		99
80) Butylbenzylphthalate	20.52	149	1240871	39.860 ng		97
81) Benzo(a)anthracene	21.36	228	3187707	39.350 ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	1214488	42.275 ng		99
83) Chrysene	21.42	228	3069386	39.082 ng		100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1911911	41.449 ng		99
85) Di-n-octyl phthalate	22.19	149	3232164	43.966 ng		100
86) Indeno(1,2,3-cd)pyrene	25.97	276	4231596	45.143 ng	#	100
88) Benzo(b)fluoranthene	22.97	252	3487895	39.170 ng		100
89) Benzo(k)fluoranthene	23.02	252	3312603	37.493 ng		99
90) Benzo(a)pyrene	23.56	252	3237492	39.457 ng		99
91) Dibenzo(a,h)anthracene	25.98	278	3496058	40.734 ng		99
92) Benzo(g,h,i)perylene	26.68	276	3305058	40.544 ng		100

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

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