Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021088.D
Acq On : 21 Jun 2019 17:59
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/25/2019 3:23:06 PM

Quant Time: Jun 22 00:43:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	337173	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1511571	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	975282	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	2260554	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1932540	20.00	ng		0.00
87) Perylene-d12	23.63	264	2001027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1503118	80.72	ng		0.00
7) Phenol-d6	6.95	99	2201826	81.20	ng		0.00
23) Nitrobenzene-d5	8.95	82	2216929	76.44	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1402184	76.62	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	6177359	77.84	ng		0.00
79) Terphenyl-d14	19.79	244	8227870	79.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	267202	38.088	ng		98
3) Pyridine	3.72	79	866812	42.967	ng		100
4) n-Nitrosodimethylamine	3.63	42	306137	39.411	ng		99
6) Aniline	7.12	93	1451037	40.177	ng		99
8) 2-Chlorophenol	7.35	128	914636	39.910	ng		99
9) Benzaldehyde	6.93	77	595995	44.252	ng		98
10) Phenol	6.98	94	1125991	40.646	ng		100
11) bis(2-Chloroethyl)ether	7.22	93	861502	39.279	ng		98
12) 1,3-Dichlorobenzene	7.66	146	1086702	39.139	ng		99
13) 1,4-Dichlorobenzene	7.82	146	1108563	39.271	ng		100
14) 1,2-Dichlorobenzene	8.13	146	1078494	38.986	ng		100
15) Benzyl Alcohol	8.03	79	877980	39.988	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	1112189	39.204	ng		99
17) 2-Methylphenol	8.22	107	804806	40.671	ng		99
18) Hexachloroethane	8.85	117	395927	39.064	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	777053	39.378	ng		100
20) 3+4-Methylphenols	8.55	107	1108802	40.708	ng		99
22) Acetophenone	8.60	105	1478136	38.374	ng	#	99
24) Nitrobenzene	8.99	77	1100054	38.289	ng		99
25) Isophorone	9.51	82	2117106	39.012	ng		100
26) 2-Nitrophenol	9.69	139	554400	39.409	ng		99
27) 2,4-Dimethylphenol	9.75	122	814602	39.700	ng		100
28) bis(2-Chloroethoxy)methane	9.99	93	1311694	38.897	ng		99
29) 2,4-Dichlorophenol	10.22	162	1069857	40.288	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	1212729	38.741	ng		97
31) Naphthalene	10.62	128	3093170	38.668	ng		99
32) Benzoic acid	9.92	122	714661m	43.054	ng		
33) 4-Chloroaniline	10.73	127	1423982	39.214	ng		99
34) Hexachlorobutadiene	10.89	225	757432	38.321	ng		98
35) Caprolactam	11.56	113	329950m	39.724	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1084313	40.127	ng		98
37) 2-Methylnaphthalene	12.23	142	2392700	38.874	ng		99
38) 1-Methylnaphthalene	12.45	142	2274575	38.745	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1434180	38.851	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	827529	38.671 ng	99
43) 2,4,6-Trichlorophenol	12.85	196	983371	40.258 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	1010102	39.932 ng	98
46) 1,1'-Biphenyl	13.25	154	3267630	39.146 ng	99
47) 2-Chloronaphthalene	13.29	162	2643290	38.989 ng	100
48) 2-Nitroaniline	13.51	65	741042	39.956 ng	98
49) Acenaphthylene	14.14	152	4051462	39.270 ng	100
50) Dimethylphthalate	13.89	163	3361440	38.766 ng	100
51) 2,6-Dinitrotoluene	14.01	165	729928	39.129 ng	99
52) Acenaphthene	14.49	154	2420483	38.885 ng	99
53) 3-Nitroaniline	14.34	138	747961	39.329 ng	94
54) 2,4-Dinitrophenol	14.54	184	193733	19.333 ng	98
55) Dibenzofuran	14.82	168	3945326	38.853 ng	100
56) 4-Nitrophenol	14.65	139	491982	33.830 ng	99
57) 2,4-Dinitrotoluene	14.80	165	998933	38.780 ng	99
58) Fluorene	15.47	166	3225726	38.879 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	910523	37.673 ng	100
60) Diethylphthalate	15.25	149	3304874	38.698 ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1822050	38.873 ng	98
62) 4-Nitroaniline	15.51	138	785050	39.330 ng	99
63) Azobenzene	15.76	77	2719542	38.821 ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	336251	24.125 ng	99
66) n-Nitrosodiphenylamine	15.69	169	2818962	39.563 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	1187903	39.474 ng	99
68) Hexachlorobenzene	16.47	284	1414600	39.349 ng	99
69) Atrazine	16.64	200	988417	42.659 ng	98
70) Pentachlorophenol	16.82	266	684196	35.323 ng	100
71) Phenanthrene	17.21	178	5046228	38.734 ng	100
72) Anthracene	17.30	178	5057622	39.191 ng	100
73) Carbazole	17.57	167	4345749	38.085 ng	99
74) Di-n-butylphthalate	18.13	149	5495617	39.342 ng	100
75) Fluoranthene	19.23	202	5686055	37.795 ng	100
77) Benzidine	19.42	184	1415375	25.222 ng	100
78) Pyrene	19.59	202	5715624	40.781 ng	99
80) Butylbenzylphthalate	20.49	149	2333300	41.768 ng	98
81) Benzo(a)anthracene	21.33	228	5234877	39.737 ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1872069	37.519 ng	99
83) Chrysene	21.39	228	4961464	39.535 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3305994	41.580 ng	100
85) Di-n-octyl phthalate	22.15	149	5368837	42.936 ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	5806202	41.812 ng	100
88) Benzo(b)fluoranthene	22.94	252	5062234	37.499 ng	99
89) Benzo(k)fluoranthene	22.99	252	5037680	38.605 ng	99
90) Benzo(a)pyrene	23.53	252	4687889	38.485 ng	99
91) Dibenzo(a,h)anthracene	25.94	278	4827289	39.749 ng	99
92) Benzo(g,h,i)perylene	26.64	276	4550614	40.182 ng	100

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

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