Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018910.D
Acq On : 25 Feb 2019 11:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/26/2019 12:05:56 PM

Quant Time: Feb 25 13:14:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 12:45:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	326389	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	1454663	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	874321	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1999872	20.00	ng		0.00
76) Chrysene-d12	21.30	240	2078838	20.00	ng		0.00
87) Perylene-d12	23.55	264	1834819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1589009	79.77	ng		0.00
7) Phenol-d6	6.88	99	2481036	88.41	ng		0.00
23) Nitrobenzene-d5	8.87	82	2691612	85.56	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1140513	90.49	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	5478468	83.18	ng		0.00
79) Terphenyl-d14	19.74	244	9357307	92.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	309327	35.652	ng		98
3) Pyridine	3.65	79	984613	41.604	ng		99
4) n-Nitrosodimethylamine	3.56	42	275367	45.738	ng		89
6) Aniline	7.04	93	1516518	44.106	ng		99
8) 2-Chlorophenol	7.26	128	940520	43.004	ng		100
9) Benzaldehyde	6.86	77	687689	46.920	ng		99
10) Phenol	6.90	94	1288859	43.649	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	983917	43.682	ng		99
12) 1,3-Dichlorobenzene	7.58	146	1018087	41.398	ng		99
13) 1,4-Dichlorobenzene	7.73	146	1035720	41.369	ng		99
14) 1,2-Dichlorobenzene	8.04	146	1016923	42.286	ng		98
15) Benzyl Alcohol	7.95	79	1024142	45.929	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.23	45	973548	44.658	ng		98
17) 2-Methylphenol	8.14	107	838101	44.596	ng		99
18) Hexachloroethane	8.76	117	381429	41.735	ng		99
19) n-Nitroso-di-n-propylamine	8.51	70	1004350	46.223	ng		100
20) 3+4-Methylphenols	8.47	107	1187286	45.751	ng		100
22) Acetophenone	8.53	105	1683396	42.140	ng	#	99
24) Nitrobenzene	8.91	77	1372129	42.018	ng		100
25) Isophorone	9.43	82	2176434	43.357	ng		100
26) 2-Nitrophenol	9.61	139	572311	44.008	ng		99
27) 2,4-Dimethylphenol	9.66	122	810819	42.688	ng		98
28) bis(2-Chloroethoxy)methane	9.91	93	1368856	42.170	ng		99
29) 2,4-Dichlorophenol	10.13	162	954173	43.750	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	1047045	41.571	ng		98
31) Naphthalene	10.53	128	2941967	41.468	ng		100
32) Benzoic acid	9.84	122	700530m	42.281	ng		
33) 4-Chloroaniline	10.66	127	1380612	43.534	ng		100
34) Hexachlorobutadiene	10.80	225	582622	39.852	ng		99
35) Caprolactam	11.49	113	401499m	45.108	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1163869	44.262	ng		99
37) 2-Methylnaphthalene	12.15	142	2141728	42.878	ng		99
38) 1-Methylnaphthalene	12.37	142	2088180	42.752	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1147188	41.017	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	510510	35.701 ng	98
43) 2,4,6-Trichlorophenol	12.77	196	795581	42.969 ng	100
44) 2,4,5-Trichlorophenol	12.85	196	845260	43.556 ng	99
46) 1,1'-Biphenyl	13.17	154	3152155	41.884 ng	100
47) 2-Chloronaphthalene	13.22	162	2435368	41.896 ng	100
48) 2-Nitroaniline	13.45	65	883657	45.771 ng	98
49) Acenaphthylene	14.07	152	3705100	42.806 ng	100
50) Dimethylphthalate	13.82	163	3070630	42.141 ng	99
51) 2,6-Dinitrotoluene	13.95	165	699831	44.337 ng	98
52) Acenaphthene	14.42	154	2229827	42.014 ng	99
53) 3-Nitroaniline	14.28	138	748123	41.948 ng	97
54) 2,4-Dinitrophenol	14.49	184	341262	37.381 ng	97
55) Dibenzofuran	14.75	168	3658155	41.934 ng	99
56) 4-Nitrophenol	14.59	139	597986	42.002 ng	98
57) 2,4-Dinitrotoluene	14.73	165	987001	45.384 ng	98
58) Fluorene	15.40	166	2883289	43.203 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	722826	42.138 ng	100
60) Diethylphthalate	15.18	149	3193791	42.491 ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1586517	42.399 ng	96
62) 4-Nitroaniline	15.45	138	689152	39.415 ng	98
63) Azobenzene	15.69	77	3520852	43.688 ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	559434	39.842 ng	99
66) n-Nitrosodiphenylamine	15.62	169	2719789	43.046 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	949800	42.430 ng	99
68) Hexachlorobenzene	16.40	284	1109698	42.649 ng	96
69) Atrazine	16.57	200	760577	37.339 ng	99
70) Pentachlorophenol	16.75	266	725187	43.286 ng	99
71) Phenanthrene	17.15	178	4583791	42.649 ng	100
72) Anthracene	17.23	178	4521706	43.225 ng	100
73) Carbazole	17.52	167	4606850	42.152 ng	99
74) Di-n-butylphthalate	18.07	149	5601742	44.567 ng	100
75) Fluoranthene	19.16	202	5289232	42.604 ng	97
77) Benzidine	19.36	184	1510635	32.266 ng	99
78) Pyrene	19.53	202	5529914	45.801 ng	100
80) Butylbenzylphthalate	20.43	149	2708150	49.217 ng	100
81) Benzo(a)anthracene	21.28	228	5121340	42.262 ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1920430	40.099 ng	99
83) Chrysene	21.33	228	4856298	41.811 ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	3949840	49.045 ng	100
85) Di-n-octyl phthalate	22.09	149	6450473	47.656 ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	4589358	34.224 ng	100
88) Benzo(b)fluoranthene	22.87	252	4624895	44.056 ng	100
89) Benzo(k)fluoranthene	22.92	252	4621671	44.222 ng	100
90) Benzo(a)pyrene	23.45	252	4228061	42.516 ng	99
91) Dibenzo(a,h)anthracene	25.84	278	3903180	39.616 ng	99
92) Benzo(g,h,i)perylene	26.54	276	3653766	39.834 ng	98

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

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