Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041719\
Data File : BM019934.D
Acq On : 17 Apr 2019 12:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 17 16:02:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	131170	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	592122	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	330736	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	674127	20.00	ng		0.00
76) Chrysene-d12	21.17	240	615754	20.00	ng		0.00
87) Perylene-d12	23.37	264	668018	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	608978	75.24	ng		0.00
7) Phenol-d6	6.72	99	897292	73.66	ng		0.00
23) Nitrobenzene-d5	8.70	82	998888	75.44	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	360648	67.74	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	2007038	75.63	ng		0.00
79) Terphenyl-d14	19.60	244	2640427	75.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	136989	39.222	ng		99
3) Pyridine	3.52	79	402392	41.139	ng		99
4) n-Nitrosodimethylamine	3.44	42	125023	39.678	ng	#	95
6) Aniline	6.88	93	569277	36.184	ng		99
8) 2-Chlorophenol	7.10	128	374525	37.205	ng		97
9) Benzaldehyde	6.70	77	267578	36.436	ng		100
10) Phenol	6.75	94	491031	36.896	ng		97
11) bis(2-Chloroethyl)ether	6.97	93	352631	36.215	ng		97
12) 1,3-Dichlorobenzene	7.41	146	393600	37.244	ng		98
13) 1,4-Dichlorobenzene	7.56	146	400091	37.314	ng		99
14) 1,2-Dichlorobenzene	7.87	146	389537	36.639	ng		100
15) Benzyl Alcohol	7.79	79	392448	35.440	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.06	45	333010	35.876	ng		99
17) 2-Methylphenol	7.99	107	312733	35.505	ng		99
18) Hexachloroethane	8.57	117	155184	37.233	ng		97
19) n-Nitroso-di-n-propylamine	8.34	70	367146	34.289	ng		99
20) 3+4-Methylphenols	8.32	107	427638	35.343	ng		99
22) Acetophenone	8.36	105	597974	37.078	ng	#	99
24) Nitrobenzene	8.75	77	516065	37.625	ng		99
25) Isophorone	9.26	82	909011	35.269	ng		99
26) 2-Nitrophenol	9.45	139	213879	36.592	ng		99
27) 2,4-Dimethylphenol	9.50	122	301827	36.521	ng		96
28) bis(2-Chloroethoxy)methane	9.74	93	516498	35.787	ng		100
29) 2,4-Dichlorophenol	9.97	162	343678	36.616	ng		98
30) 1,2,4-Trichlorobenzene	10.17	180	375933	37.213	ng		98
31) Naphthalene	10.36	128	1165716	36.704	ng		100
32) Benzoic acid	9.71	122	234435	32.004	ng		97
33) 4-Chloroaniline	10.50	127	467435	35.726	ng		98
34) Hexachlorobutadiene	10.60	225	221405	37.160	ng		98
35) Caprolactam	11.33	113	114718m	32.289	ng		
36) 4-Chloro-3-methylphenol	11.63	107	405136	34.738	ng		100
37) 2-Methylnaphthalene	11.98	142	818917	35.417	ng		100
38) 1-Methylnaphthalene	12.20	142	810876	35.518	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	393531	38.570	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	101348	35.630	ng	96
43) 2,4,6-Trichlorophenol	12.62	196	257850	37.276	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	262720	36.491	ng	97
46) 1,1'-Biphenyl	13.02	154	1083514	37.824	ng	99
47) 2-Chloronaphthalene	13.06	162	831994	38.077	ng	99
48) 2-Nitroaniline	13.30	65	287039	36.445	ng	99
49) Acenaphthylene	13.92	152	1394266	36.674	ng	99
50) Dimethylphthalate	13.67	163	1039229	35.623	ng	100
51) 2,6-Dinitrotoluene	13.81	165	227460	35.260	ng	95
52) Acenaphthene	14.26	154	773323	36.686	ng	98
53) 3-Nitroaniline	14.15	138	223002	34.620	ng	97
54) 2,4-Dinitrophenol	14.38	184	117718	35.180	ng	98
55) Dibenzofuran	14.60	168	1244477	36.103	ng	100
56) 4-Nitrophenol	14.48	139	145636	32.414	ng	98
57) 2,4-Dinitrotoluene	14.61	165	312313	33.680	ng	95
58) Fluorene	15.25	166	1017729	34.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	231591	35.255	ng	99
60) Diethylphthalate	15.03	149	1043739	34.400	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	495776	35.254	ng	98
62) 4-Nitroaniline	15.33	138	206971	32.612	ng	97
63) Azobenzene	15.55	77	1151458	35.508	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	149970	34.867	ng	97
66) n-Nitrosodiphenylamine	15.47	169	833574	37.823	ng	100
67) 4-Bromophenyl-phenylether	16.14	248	288092	37.171	ng	100
68) Hexachlorobenzene	16.25	284	343073	36.891	ng	98
69) Atrazine	16.44	200	264142	35.305	ng	97
70) Pentachlorophenol	16.62	266	165873	34.908	ng	98
71) Phenanthrene	17.00	178	1447662	36.187	ng	99
72) Anthracene	17.09	178	1418760	35.628	ng	100
73) Carbazole	17.38	167	1299447	34.951	ng	99
74) Di-n-butylphthalate	17.93	149	1671365	34.230	ng	100
75) Fluoranthene	19.03	202	1552237	33.716	ng	100
77) Benzidine	19.24	184	645996	38.023	ng	99
78) Pyrene	19.40	202	1593899	39.088	ng	99
80) Butylbenzylphthalate	20.30	149	731855	37.020	ng	99
81) Benzo(a)anthracene	21.16	228	1483393	38.030	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	569747	39.259	ng	98
83) Chrysene	21.21	228	1435804	38.383	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1095651	37.227	ng	100
85) Di-n-octyl phthalate	21.94	149	1833476	38.392	ng	100
86) Indeno(1,2,3-cd)pyrene	25.57	276	1885889	51.249	ng	100
88) Benzo(b)fluoranthene	22.71	252	1567542	35.339	ng	99
89) Benzo(k)fluoranthene	22.76	252	1438303	34.442	ng	100
90) Benzo(a)pyrene	23.27	252	1420647	36.146	ng	99
91) Dibenzo(a,h)anthracene	25.58	278	1574327	41.546	ng	99
92) Benzo(g,h,i)perylene	26.25	276	1475323	42.985	ng	99

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

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