Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020024.D
Acq On : 23 Apr 2019 03:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/23/2019 4:13:42 PM

Quant Time: Apr 23 04:12:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	139556	20.00	ng		-0.01
21) Naphthalene-d8	10.27	136	567695	20.00	ng		-0.01
39) Acenaphthene-d10	14.16	164	311640	20.00	ng		-0.01
64) Phenanthrene-d10	16.93	188	667444	20.00	ng		-0.01
76) Chrysene-d12	21.15	240	712575	20.00	ng		-0.01
87) Perylene-d12	23.33	264	803183	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	716223	83.17	ng		-0.02
7) Phenol-d6	6.69	99	979842	75.61	ng		-0.02
23) Nitrobenzene-d5	8.67	82	1054341	83.06	ng		-0.01
42) 2,4,6-Tribromophenol	15.68	330	382748	76.30	ng		-0.01
45) 2-Fluorobiphenyl	12.77	172	2081686	83.25	ng		-0.02
79) Terphenyl-d14	19.58	244	3211364	79.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	167823	45.162	ng		100
3) Pyridine	3.49	79	456644	43.880	ng		99
4) n-Nitrosodimethylamine	3.42	42	147577	44.021	ng		91
6) Aniline	6.85	93	600283	35.862	ng		100
8) 2-Chlorophenol	7.07	128	419620	39.180	ng		97
9) Benzaldehyde	6.67	77	302588	39.447	ng		99
10) Phenol	6.72	94	531029	37.504	ng		94
11) bis(2-Chloroethyl)ether	6.95	93	382340	36.906	ng		99
12) 1,3-Dichlorobenzene	7.38	146	465165	41.371	ng		98
13) 1,4-Dichlorobenzene	7.53	146	466863	40.925	ng		100
14) 1,2-Dichlorobenzene	7.84	146	453338	40.078	ng		99
15) Benzyl Alcohol	7.76	79	413773	35.120	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	333916	33.812	ng		97
17) 2-Methylphenol	7.96	107	331202	35.343	ng		98
18) Hexachloroethane	8.54	117	183809	41.451	ng		98
19) n-Nitroso-di-n-propylamine	8.31	70	372630	32.710	ng		99
20) 3+4-Methylphenols	8.29	107	438075	34.030	ng		98
22) Acetophenone	8.33	105	598203	38.688	ng	#	99
24) Nitrobenzene	8.72	77	547517	41.636	ng		97
25) Isophorone	9.23	82	892331	36.111	ng		99
26) 2-Nitrophenol	9.42	139	217492	38.811	ng		97
27) 2,4-Dimethylphenol	9.47	122	302045	38.120	ng		99
28) bis(2-Chloroethoxy)methane	9.71	93	523292	37.818	ng		99
29) 2,4-Dichlorophenol	9.95	162	354999	39.449	ng		97
30) 1,2,4-Trichlorobenzene	10.14	180	414179	42.763	ng		99
31) Naphthalene	10.32	128	1228338	40.340	ng		99
32) Benzoic acid	9.67	122	144766	22.419	ng		96
33) 4-Chloroaniline	10.47	127	463752	36.970	ng		99
34) Hexachlorobutadiene	10.57	225	255835	44.787	ng		99
35) Caprolactam	11.30	113	112093m	32.908	ng		
36) 4-Chloro-3-methylphenol	11.60	107	402029	35.955	ng		98
37) 2-Methylnaphthalene	11.95	142	838506	37.824	ng		98
38) 1-Methylnaphthalene	12.17	142	819885	37.458	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	421667	43.860	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	202620	62.514 ng	99
43) 2,4,6-Trichlorophenol	12.59	196	263802	40.473 ng	99
44) 2,4,5-Trichlorophenol	12.67	196	258116	38.049 ng	99
46) 1,1'-Biphenyl	12.99	154	1107947	41.047 ng	99
47) 2-Chloronaphthalene	13.03	162	851233	41.344 ng	99
48) 2-Nitroaniline	13.28	65	286527	38.609 ng	99
49) Acenaphthylene	13.89	152	1406996	39.276 ng	99
50) Dimethylphthalate	13.64	163	1066781	38.808 ng	99
51) 2,6-Dinitrotoluene	13.78	165	235779	38.789 ng	88
52) Acenaphthene	14.23	154	792973	39.923 ng	98
53) 3-Nitroaniline	14.12	138	222645	36.683 ng	99
54) 2,4-Dinitrophenol	14.37	184	54104	20.990 ng	96
55) Dibenzofuran	14.57	168	1266523	38.994 ng	98
56) 4-Nitrophenol	14.46	139	162878	37.378 ng	95
57) 2,4-Dinitrotoluene	14.59	165	324895	37.184 ng	95
58) Fluorene	15.23	166	1062334	38.600 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.81	232	235366	38.025 ng	100
60) Diethylphthalate	15.01	149	1104806	38.644 ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	523248	39.487 ng	95
62) 4-Nitroaniline	15.30	138	214792	35.918 ng	91
63) Azobenzene	15.52	77	1218491	39.877 ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	108525	25.484 ng	97
66) n-Nitrosodiphenylamine	15.45	169	869945	39.868 ng	99
67) 4-Bromophenyl-phenylether	16.12	248	308380	40.187 ng	97
68) Hexachlorobenzene	16.23	284	374432	40.666 ng	98
69) Atrazine	16.42	200	242482	32.735 ng	98
70) Pentachlorophenol	16.59	266	168037	35.718 ng	99
71) Phenanthrene	16.97	178	1568375	39.597 ng	99
72) Anthracene	17.07	178	1536056	38.959 ng	100
73) Carbazole	17.36	167	1424874	38.708 ng	99
74) Di-n-butylphthalate	17.90	149	1904923	39.404 ng	100
75) Fluoranthene	19.01	202	1815661	39.833 ng	99
77) Benzidine	19.22	184	796752	40.525 ng	99
78) Pyrene	19.37	202	1877487	39.787 ng	99
80) Butylbenzylphthalate	20.29	149	891283	38.958 ng	97
81) Benzo(a)anthracene	21.13	228	1918504	42.502 ng	100
82) 3,3'-Dichlorobenzidine	21.08	252	736130	43.832 ng	99
83) Chrysene	21.19	228	1851715	42.775 ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1357076	39.844 ng	100
85) Di-n-octyl phthalate	21.92	149	2376215	42.996 ng	100
86) Indeno(1,2,3-cd)pyrene	25.53	276	2634250	61.859 ng	99
88) Benzo(b)fluoranthene	22.68	252	2062366	38.670 ng	99
89) Benzo(k)fluoranthene	22.73	252	1942599	38.690 ng	99
90) Benzo(a)pyrene	23.24	252	1909640	40.411 ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2202066	48.333 ng	99
92) Benzo(g,h,i)perylene	26.20	276	2047506	49.617 ng	99

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

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