Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
Data File : BM029594.D
Acq On : 22 Apr 2021 15:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 22 15:56:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	66151	20.00	ng		0.00
21) Naphthalene-d8	10.416	136	237033	20.00	ng		0.00
39) Acenaphthene-d10	14.280	164	165028	20.00	ng		0.00
64) Phenanthrene-d10	17.021	188	365052	20.00	ng		0.00
76) Chrysene-d12	21.203	240	397991	20.00	ng		0.00
86) Perylene-d12	23.392	264	399646	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	270208	81.89	ng		0.00
7) Phenol-d6	6.810	99	384805	78.08	ng		0.00
23) Nitrobenzene-d5	8.787	82	384236	83.49	ng		0.00
42) 2,4,6-Tribromophenol	15.769	330	189181	82.89	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	1029721	84.69	ng		0.00
79) Terphenyl-d14	19.657	244	1696025	80.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	56180	42.23	ng		98
3) Pyridine	3.569	79	144864	42.73	ng		98
4) n-Nitrosodimethylamine	3.481	42	69883	42.00	ng		96
6) Aniline	6.969	93	206028	38.03	ng		99
8) 2-Chlorophenol	7.199	128	159679	38.92	ng		98
9) Benzaldehyde	6.781	77	104136	37.17	ng		98
10) Phenol	6.840	94	188545	39.48	ng		100
11) bis(2-Chloroethyl)ether	7.069	93	135389	37.16	ng		98
12) 1,3-Dichlorobenzene	7.522	146	187981	39.76	ng		98
13) 1,4-Dichlorobenzene	7.669	146	189843	39.22	ng		99
14) 1,2-Dichlorobenzene	7.981	146	185518	38.44	ng		98
15) Benzyl Alcohol	7.881	79	138463	38.67	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	174442	36.32	ng		99
17) 2-Methylphenol	8.081	107	124522	37.42	ng		98
18) Hexachloroethane	8.704	117	67229	38.46	ng		98
19) n-Nitroso-di-n-propyla...	8.440	70	129298	35.97	ng		98
20) 3+4-Methylphenols	8.410	107	173066	37.81	ng		99
22) Acetophenone	8.457	105	236287	41.58	ng	#	99
24) Nitrobenzene	8.828	77	193845	41.65	ng		99
25) Isophorone	9.357	82	340337	39.35	ng		100
26) 2-Nitrophenol	9.540	139	86903	39.44	ng		99
27) 2,4-Dimethylphenol	9.604	122	129714	41.75	ng		98
28) bis(2-Chloroethoxy)met...	9.839	93	174048	40.73	ng		99
29) 2,4-Dichlorophenol	10.069	162	172366	42.06	ng		97
30) 1,2,4-Trichlorobenzene	10.281	180	195883	41.50	ng		98
31) Naphthalene	10.463	128	492566	40.42	ng		99
32) Benzoic acid	9.745	122	95103	36.92	ng		98
33) 4-Chloroaniline	10.581	127	201555	41.94	ng		98
34) Hexachlorobutadiene	10.751	225	125439	41.74	ng		95
35) Caprolactam	11.369	113	46773	37.69	ng		98
36) 4-Chloro-3-methylphenol	11.710	107	159585	39.85	ng		99
37) 2-Methylnaphthalene	12.081	142	386217	39.59	ng		100
38) 1-Methylnaphthalene	12.304	142	364895	39.23	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	213847	43.21	ng		99
41) Hexachlorocyclopentadiene	12.439	237	113150	40.97	ng		99
43) 2,4,6-Trichlorophenol	12.704	196	149823	44.04	ng		97

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44) 2,4,5-Trichlorophenol	12.775	196	162417	43.24	ng	98
46) 1,1'-Biphenyl	13.110	154	511635	42.41	ng	99
47) 2-Chloronaphthalene	13.145	162	407731	42.24	ng	98
48) 2-Nitroaniline	13.357	65	106327	39.93	ng	99
49) Acenaphthylene	13.998	152	626998	42.36	ng	99
50) Dimethylphthalate	13.745	163	512304	41.07	ng	100
51) 2,6-Dinitrotoluene	13.863	165	116615	42.47	ng	97
52) Acenaphthene	14.345	154	385969	41.63	ng	98
53) 3-Nitroaniline	14.192	138	100571	39.99	ng	99
54) 2,4-Dinitrophenol	14.398	184	63162	38.49	ng	93
55) Dibenzofuran	14.680	168	646773	41.31	ng	98
56) 4-Nitrophenol	14.504	139	84935	41.82	ng	97
57) 2,4-Dinitrotoluene	14.651	165	157741	42.54	ng	98
58) Fluorene	15.327	166	538372	40.95	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.910	232	142286	42.58	ng	98
60) Diethylphthalate	15.116	149	499850	40.83	ng	99
61) 4-Chlorophenyl-phenyle...	15.327	204	273411	41.10	ng	98
62) 4-Nitroaniline	15.357	138	107856	40.03	ng	100
63) Azobenzene	15.621	77	481873	41.46	ng	98
65) 4,6-Dinitro-2-methylph...	15.416	198	96714	39.85	ng	96
66) n-Nitrosodiphenylamine	15.545	169	465711	41.27	ng	100
67) 4-Bromophenyl-phenylether	16.221	248	156638	41.09	ng	98
68) Hexachlorobenzene	16.333	284	174318	40.22	ng	98
69) Atrazine	16.498	200	167243	41.54	ng	98
70) Pentachlorophenol	16.674	266	113253	40.13	ng	96
71) Phenanthrene	17.063	178	838769	39.90	ng	99
72) Anthracene	17.157	178	834534	40.24	ng	99
73) Carbazole	17.427	167	786688	40.49	ng	99
74) Di-n-butylphthalate	17.998	149	852954	40.44	ng	100
75) Fluoranthene	19.080	202	1014610	39.81	ng	99
77) Benzidine	19.274	184	331887	39.39	ng	100
78) Pyrene	19.445	202	1057007	41.28	ng	99
80) Butylbenzylphthalate	20.356	149	397246	41.44	ng	97
81) Benzo(a)anthracene	21.192	228	1053462	40.01	ng	99
82) 3,3'-Dichlorobenzidine	21.127	252	345476	41.07	ng	99
83) Chrysene	21.245	228	1038730	40.15	ng	99
84) Bis(2-ethylhexyl)phtha...	21.133	149	625664	40.73	ng	99
85) Di-n-octyl phthalate	21.998	149	1033414	40.09	ng	100
87) Indeno(1,2,3-cd)pyrene	25.597	276	1242786	40.22	ng	100
88) Benzo(b)fluoranthene	22.739	252	1071555	41.12	ng	99
89) Benzo(k)fluoranthene	22.786	252	1055205	40.40	ng	99
90) Benzo(a)pyrene	23.297	252	987229	40.35	ng	99
91) Dibenzo(a,h)anthracene	25.609	278	1060385	39.80	ng	99
92) Benzo(g,h,i)perylene	26.268	276	1004256	40.76	ng	99

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

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